

REFERENCES

- 1- Goerdeler J., and Wieland, D.: Chem. Ber. 47, 100 (**1997**).
- 2- Goerdeler J., and Pohlen, H.W.: Chem. Ber., 94, 2950 (**1991**).
- 3- Shestopalbu, A.M.; Sharanin, A. Nester, V. Chem. Per., 57 (4), 959-61 (**1988**).
- 4- Sedova, V.P.; Aseeva, V. N.: J. Org. Chem. 4, 91-7 (**1973**).
- 5- Wendeline, W.A. Monatsh Chem., 114 (12), 1371-9 (1993).
- 6- Hull, R.: *J. Chem. Soc.*, 99, 610 (**1996**).
- 7- Koto, T.; Yamanako, H. and Kawamata, J. Chem. Pharm. Bull., 17, 2411 (**1989**).
- 8- El-Nagdi, M.H., Fahmy, S.M., Hafez, E.A., Hamza, M.R. and Mer, S.A.R. *J. Heterocycl. Chem.*, 16, 1109 (**1998**).
- 9- Adel, M. M., El-Kady, M., El-Farargy, A.F.: *Egypt J. Chem.*, 20(3), 245-57 (**1997**).
- 10- Zhang, X.; Aohui, X.; Yan, L.: J. Org. Chem. 20(1) 494 (1989); Chem. Abstr. 144, 6422 (**1991**).
- 11- Stepanova, V.V.; Isilko, A.E.; Maretina; Zh. I.A.J. *Org. Chem.* 57 (8), 181-4 (**2000**).
- 12- Nigam, S.G.; Sharia, G.S. and Sharma H.R.: J. Indian Chem. Soc., 60(6), 583 (**1989**).
- 13- El-Bannany, A.A.A.; Ghozlan, S.A.S.: *Egypt J. Chem.* 31(5), 587-91 (**1999**).

- 14- El-Ashry E. S.H., Amer A., Labib, G.H., Rahman, M.M.A. and El-Masry, A.M., *J. Heterocycl. Chem.* 24, 63 (1987).
- 15- Gouault, N., Cupif J.F., Amorosand M. and Darid M., *J. Chem. Soc.; Perkin Trans, 1*, 2239 (2002).
- 16- Barba F, Velasco M.D., Cuirado A., and Moreno N., *Synth. Commun.*, 15, 939 (1985).
- 17- Bestmann H.J., Schmid G., Sand Meier D., Schade G., and Oechsner, H., *Chem. Ber.*, 118, 1709 (1984).
- 18- Snides, B.B., Conn. R.S.E., and Sealfon S., *J. Org. Chem.*, 44, 218 (1979).
- 19- Fahmy, S.M. and Mohareb, R.M., *Liebigs Ann. Chem.*, 1992, (1985).
- 20- Fahmy S.M., Abed N.M., Mohareb R.M., and El-Nagdi M.H., *Synthesis*, 490 (1982).
- 21- Mohamad M.H., Ibrahim N.S. and El-Nagdi M.H., *Heterocyclic* 26, 899 (1987).
- 22- Abd El-Hamid A.O. and Abed N.M., *Heterocyclic*, 24, 101 (1986).
- 23- Ibrahim N.S., Abdel-Galil F. M., Abdel Motaleb R.M., and El-Nagdi M.H., *Bull. Chem. Soc. Jpn.*, 60, 4486 (1987).
- 24- Guy D.C., Thomas, B.R., Theodore N.J., Dorothy Y.C. and Gorezyca W.P. *PCT Int. Appl.*, WO 9803, 487, 29 Jan 1998, USA PPL., 858, 649, [C.A., 128, 140712 u (1998)].

- 25- Rio, G. and Lecas-Naurocka A, Bull. Soc. Chem. Fr., 2824 (1974).
- 26- Zimmerman B.G. and Lochto H.L., *J. Am. Chem. Soc.*, 60, 2456 (1938).
- 27- Schmidt P. and Druey J., *Helv.*, 37, 134, 1967 (1959).
- 28- Kamitori Y., Hojo M and Yoshioka T., *Heterocyclic*, 48, 222 (1998).
- 29- Kurarishi T., *Chem. Pharm. Bull. Japan*, 4, 497 (1956).
- 30- Landquist J.K. and Merck S.E., *Chem. Ind.*, 68 (1970).
- 31- Estevez I., Revina E., and Satelo E., *J. Heterocyclic Chem.*, 35, 1421 (1998).
- 32- Dehmlov E.V. and Naser U.I., *Din, J. Chem. Res., Syn OP.*, 40 (1978).
- 33- Al Dulay, Ymi, A.R. and Baird, M.S., *Tetrahedron*, 54, 12897 (1988).
- 34- Ogura, H. et al., *J. Heterocyclic Chem.*, 8, 371 (1971).
- 35- Bronborger F. and Huisgen R., *Tetrahedron Lett.*, 26, 57 (1984).
- 36- Shimikzan T., Havashi, Y., Miki M., and Teramma K., *j. Org. Chem.*, 52, 2277 (1987).
- 37- Miesel, J.L., *Tetrahedron Lett.*, 3847 (1974).
- 38- Sauer J. And Heldmann D.K., *Tetrahedron*, 54, 4297 (1998).
- 39- Muller K. and Sauer J., *Tetrahedron Lett.*, 25, 254 (1984).

- 40- Seitz G., Dhar R. and Mohr R., *Chem. Ztg*, 107, 172 (1983).
- 41- Bachmann, M. And Neuhoﬀer H., *Liebigs, Ann. Chem.*, 675 (1979).
- 42- Balogh, M., Laszlo, P. and Simon K., *J. Org. Chem.*, 52, 2026 (1987).
- 43- Guichtel H. and Gumprecht C., *Libeigs Ann. Chem.*, 628 (1985).
- 44- Boger, D.L. and Sakya, S.M., *J. Org. Chem.*, 53, 1415 (1988).
- 45- Seitz G. and Mohr R., *Chem. Z.T.*, 111, 81 (1987).
- 46- Dury K. And Reicheneder F., *French Patent*, I, 352, 099 (1989).
- 47- Schroeter S., Apple R., Brammer, R., and Schneck, G., *Liebigs Ann. Chem.*, 42, 697 (1966).
- 48- Qiuchang W., Yufan Z., Limin W, *Zhooguo Yiyaozazh*, 21, 556 (1990). [C.A., 114228861 (1991)].
- 49- Baradarani M.M. and Joule J.A., *J.C.S. Perkin Trans*, 1, 72 (1980).
- 50- Besso H., Lmaduku, K., and Matsumura, H. *Bull. Chem. Soc. Jpn.* 51, 179 (1978).
- 51- Baydar A.E., Bayd, G.V. and Lindley P.F., *J.G. S. Chem. Common*, 1003 (1981).
- 52- Tsuge O., Kamata K., and Yogi S., *Bull. Chem. Soc. Jpn.*, So, 2153 (1977).

- 53- Mada K., Chem. Pharm. Bull., 22, 1691 (1974).
- 54- Paulsen, H., Steinert K., and Steinert G.; Chem. Ber., 103, 1846 (1970).
- 55- Ahluwalia, V.K.; Chandra, R.J., Res. 5162 (2000)..
- 56- Rillema, D.P.; Callahan, R.W.; Mack, K.B. *Org. Chem.* 21, 2589-2596 (2000).
- 57- Anu, Agarwal Kumkum Srivastava, S.K. Puri and Prem. M.S. Chauhan. *Bioorganic and Medicinal Chemistry* 13, 4645-4650, (2005).
- 58- Kidwai, R. Vankalarmanan, R.K. and Kumar, R.B., *J. Chem. Research*, 11, 586-587 (2000).
- 59- Kosolapoff, G.M., Roy, C.H.J. *Org.Chem.* 25, 1995-1899 (2000).
- 60- Adonan, A. Bekhit and Others. *European J. of Medicinal Chemistry* 38 (2003) 27-36.
- 61- Birsen, Tozkepararan, Meulüt Ertan, Pelin Kelicen, Rümeysa. Demirjamar. *II Famaco* 54 588-593,(1999).
- 62- Papesh, V and Schroder, E.F.; Chem. Abstr., 50, 11370 (1995).
- 63- Hepworth, W. and Thompson, T.W.; Chem. Abstr., 69, 7724 (1993).
- 64- Matteson, D.S., BleenBavm, M.S.; Bechtold, R.A.; Campbell, G.D. and Willshk, R.J.; *J. Org. Chem.*, 48, 950 (1996).

- 65- Naresh Sunduru, Anu Agarwal, Sanjay Babu Katiyar, Nishi, Neena Goyal, Suman Gupta and Prem M.S. Chauhan. *Bioorganic and Medicinal Chemistry* 14, 7706-7715, (2006).
- 66- Anderson, G.W., Halverstadt., I.F., Mlle, W. H and Rohlin, R.O., *Am. J. Chem. Soc.*, 67, 2197 (2000).
- 67- Albert, A. And Rubbo, S.D., *J. Org. Chem.*, 34, 119 (2002).
- 68- Dave, C.G., Shah, P.R. and Shah, G.K., *J. Indian Chem. Soc.*, 67 (2), 177 (1990), *Chem. Abstr.*, 113, 115236 (1990).
- 69- Nishimura, T. and Miyamoto, Y., *Jap Pat.* 79, 115, 384 (1979), *Chem. Abstr.*, 92, 128952 (1980).
- 70- Moclinda, Pharmaceutical Co. Ltd. *Jap. Pot* 81, 129, 383 (1981), *Chem. Abstr.* 96, 85572 (1982).
- 71- Kreudt Zberger, A and Gillessan, J.; *Arch. Pharm. Ger.*, II, 317-320 (2001).
- 72- Karp, K.V.; Potnyagina, A.N., *Chem. Abst.*, 27 (11), 1308 (2000).
- 73- Holshovser, H.M.; Shipp, M. A. and Ferguson, W. P., *J. Med., Chem.*, 28(2), 242 (1996).
- 74- Schich, M.J.; *Nonionic surfactants: Marcel Dekker, Inc.*, New York, , p.150, 220,(1967).
- 75- S. Dutta, S. Padhye, F. Ahmed and F. Sakar, *Inorganic Chimica Acta .*, 358(13), 3617, (2005).
- 76- W. aw Malinka, A. Redzicka and O. Lozach, *Farmaco.*, 59(6), 457, (2004).

- 77- S. F. Barnett and A. P. Owens , USA Int. Appl. Wo 02 83, 139(2002). **C.A.** 137,337902z, **(2002)**.
- 78- S. F. Barnett, D. D. Jones, K. M. Haskell, H. E. Huber, D.D. Nahas, G. W. Lindsley and G. D. Hartman, USA Int. Appl. WO 03,84,473(2003). **C. A.** 139,323527k,**(2003)**.
- 79- P.A. Harris, D. K. Jung, M. R. Peel, M. J. Reno, T.R. Rheault, J. B. Standford, K. L. Stevens and J. M. Veal, USA Int. Appl. WO 03,51,886(2003), **C.A.**, 139,69273x, **(2003)**.
- 80- A. Fontano, E. J. Benito, M. J. Martin, N. Sanchez, R. Alajarin, J. J. Vaquero and D. Caignard, Bioorganic&Medicinal Chemistry Letters 2002,12(18), 2611, **C.A.**138, 122605q, **(2003)**.
- 81- A. G. Taveras, M. Dwyer, J. Chao, J. J. Baldwin, R. J. Merritt and Y. Yunog, USA Int. Appl. WO 03,57,676(2003). **C.A.**139,117431w,**(2003)**.
- 82- M. Ohkuchi, Y. Kyotani, H. Yoshizaki, T. Koshi, T. Kitamura, T. Matsude, S. Oda and Y. Habata, Jap. Int. Appl. WO 99,44,995(1999). **C.A.** 131,228727b, **(1999)**.
- 83- T. Seko, J. Takechi, S. Takahashi and M. Naka, Jap. Int. Appl. WO 0044,726(2000). **C.A.**133,135320q,**(2000)**.
- 84- Y. Tsukamoto, H. Komai, J. Kadotani, K. Koi, S. Mio and H. Takeshiba, Jap. Int. Appl. WO 03 16,286(2002). **C.A.** 138,187781p,**(2003)** .

- 85- H. Z. Yang, X. H. Wang and X. F. Yang, *Gaodeng Xuexiao Huaxue Xuebao* 23,(12), 2261,2002. **C.A.** 138,304233z,(2003).
- 86- A. Coelho, E. Sotelo, H. Novoa, O. M. Peeters, N. Blaton and E. Ravina, *Tetrahedron* 60(52), 12177,(2004) .
- 87- A. Crespo, C. Meyers, A. Coelho, M. Yanez, N. Fraiz, E. Sotelo, B. U. W. Maes, R. Laguna, E. Cano, G. L. F. Lemiere and E. Ravina, *Bioorganic&Medicinal Chemistry Letters*, 16(4), 1080, (2006) .
- 88- I. Estevez, E. Ravina and E. Sotelo, *J. Heterocyclic Chem.* 35,1421,(1998).
- 89- E. M. Griffed, S. M. Kinnon, A. Kuman, D. Lecker, G. M.Smith and E. G. Tonnich, *Br. J. Pharmacol.*, 72,697,(1981).
- 90- G.A. Pinna, M. M. Curzu, G. Cignarella, D. Barlocco, M. D. Amico, A. Filippelli, V. De Novellis and F. Rossi, *Eur. J. Med. Chem.*, 29,447, (1994).
- 91- E.Akbas, I. Berber, A. Sener and B. Hasnov, *Farmaco* 60(1), 23, (2005).
- 92- L. V. G. Nargund, V. V. Badiger and S.M.Yarnal, *Eur. J. Med. Chem.*, 29,245,(1994).
- 93- L. S.Vingkar, A. S. Bobade and B.G. Khadse, *Indian Drugs* 38(7), 347,2001. **C. A.**138, 4564c, (2003).

- 94- A. Deeb, F. El-Mariah and M. Hosny, *Bioorganic & Medicinal Chemistry Letters* 14(19), 5013, **(2004)** .
- 95- N. Haider and E. Sotelo, *Chemical & Pharmaceutical Bulletin* 50(11), 1479, 2002. **C. A.** 138, 1703875, **(2003)**.
- 96- F. Maurer, C. Erdelen, U. Reckmann and A. Turberg , Ger. Int. Appl. WO 03 10, 162(2003). **C. A.** 138, 153542w, **(2003)**.
- 97- S. Kwon and S. Kyoung , *Yakhak Hoechi* 46(3), 155,2002. **C. A.** 138, 221543z,**(2003)**.
- 98- S.C. M. Fell, D. M. B. Hickey, C. A. Leach J. Liddle and S. A. Smith, UK Int. Appl. WO 03 41, 712(2003). **C. A.** 138, 401738a, **(2003)** .
- 99- B. L. Mylari, U.S. Pat. Appl. US 143, 017(2002). **C. A.** 137, 279206n,**(2002)**.
- 100- B. L. Mylari, Eur. Pat. Appl. EP 1, 260, 224(2002). **C. A.** 137, 38485s,**(2002)**.
- 101- X. Zou, Z. Zhang and G. Jin, *J. Chem. Res., Synopses* 5,288,**(2002)**.
- 102- Diserio, M.; Di Martino, S. And E. Santacesaria; *Ind. Eng. Cem. Res.*, 33, 59-514 **(1994)**.
- 103- Raths, H.C.; Behler, A. And N. Milstein; PCT Int. Appl. WO 9825, 878 (CL. C07C67126), 18 Jun 1998, U.S. Appl. 767, 123, 9; 12 pp, **Dec (1996)**.

- 104- Seibt, H.; Ballsch, D.; Rusche, J. and R. Ohme; Ger. (East) DD 275, 456 (C1. C070207/08); 10 Jan 1990, Appl. 245, 315, 30 Vov., 7 pp,(1982).
- 105- M. S. Amine, A. M. F. Eissa , A. A. Elsowly , A. F. Shaaban and R. El-sayed. Gasasy A Ceites 55(4) 370-377 (2004).
- 106- M.S. Amine, A. M. F. Eissa , A. A. Elsowly , A. F. Shaaban and R. El-sayed Chemistry; An Indian J. 1,313-319, (2003).
- 107- M.S. Amine, A. M. F. Eissa , A. A. Elsowly , A. F. Shaaban and R. El-sayed , OLAJ, ZZA PPAN, KOZMETIKA, 53(3), 124-128(2004).
- 108- M.S. Amine , A. A. Aly, R. El-Sayed. Indian J. of Chem. 45B , 1020,1027 , (2006).
- 109- M.S. Amine , K. A. Hebash ,M. H. M. Ahmed, A.A. Elsheikh.OLAJ SZAPPAN KOZMetka 4(55) 121, (2006).
- 110- M. S. Amine , M. H. M. Ahmed ,K. A. Hebash and A. A. Elsheikh OLAJ SZAPPAN KOZMetka 56(2), 57-61 (2007).
- 111- A. A. Aly and S. A. Nassar, *Heteroatom Chemistry* 14(71) , (2003).
- 112- Chlebicki, J. and K. Slipko; Tenside Surf. Det., 17, 130-134, (1980).
- 113- Kochetkova and Novikova, cup- diffuson methods, Antibiotics , a scientific approach. Mir publishers, Mosco (1960).

- 114- Findly, A. "Practical Chemistry", Longmans, London, 6th, 1040, **(1963)**.
- 115- Durham, K. "Surface Activity and Detergency". Mac Millan & Co., Ltd., London, **(1961)**.
- 116- Ahmed, M.H.M., Olaj Szappan Kozmetika;, 53(1), **(2004)**.
- 117- Mckenzie, D.A.; *J. Am. Oil Chem. Soc.*;, 55, 93,**(1978)**.
- 118- Sadek, M. and F.M. Ali; *Seifen Ole-Fette-Wachse*;, 14, 406,**(1984)**.
- 119- Peter, S.P.; MikaelKjellin, U.K.N Biom, H. and N. Torbjom; *J. Surf. Deterg.*;, 6(2), 125-130,**(2003)**.