

REFERENCES

- Allredge, B.K. Seizure Disorders. In E.T. Herfindal, D.R. Gourley, and L.L. Hart (eds.), *Clinical Pharmacy and Therapeutics* pp. 845-867. London: Williams & Wilkins, 1992.
- Ambre, J.J., et.al., Antiepileptic Drugs. In D.R. Benett (ed.), *American Medical Association Drug Evaluation Annual 1994* pp. 345-381. : 1994.
- Bialer, M., Haj-Yehia, A., Badir, K., and Hadad, S. Can we develop improved derivatives of valproic acid ? *Pharmacy World & Science* 16 (1994) 2-6.
- Burgen, A.S.V., and Metchell, J.F. *Oxford Medical Publications Caddum's Pharmacology* 8th ed. Oxford: Oxford University Press, 1978. pp. 45-105.
- Chan, A.W.K. Drugs Used in the Treatment of Epilepsy. In C.M. Smith, and A.M Reynard (eds.), *Textbook of Pharmacology* pp. 320-339. Philadelphia: W.B. Saunders, 1992.

- Chapman, A., Keane, P.E., Meldrum, B.S., Simiand, J., and Vernieres, J.C. Mechanism of anticonvulsant action of valproate. *Progress in Neurobiology* 19 (1982): 315-359.
- Clark, W.G. *GOTH's Medical Pharmacology* 13 th ed. St. Louis: Mosby Year Book, 1992. pp. 307-317.
- Collins, A.A. *Clinical Drug Therapy : Rationals for Nursing Practice* Philadelphia : J.B. Lippincott, 1983. pp. 103-112.
- Elmazar, M.M.A., Hauck, R.S. and Nau, H. Anticonvulsant and Neurotoxic Activities of Twelve Analogues of Valproic acid. *Journal of Pharmaceutical Science* 82 (1993) : 1255-1258.
- Hadad, S., Vree, T.B., Van der Kleijin E and Bialer M. Pharmacokinetic analysis of ester prodrugs of valproic acid. *Journal of Pharmaceutical Science* 81 (1992): 1047-1050.
- Hai-Yehia, A., and Bialer, M., Structure-pharmacokinetic relationships in a series of short fatty acid amides that possess anticonvulsant activity. *Journal of Pharmaceutical Science* 79 (1990) : 719-714.
- Janwitayanuchit, W., and Patarapanich, C. Synthesis of 1-(2-Propylpentanoyl)-pyrrolidinone as Potential Anticonvulsant Agent *Thai Journal of Pharmaceutical Science* 15 (1992) : 87-91.

Krapcho A.P., Weimaster J.F., Eldridge J.M., Jahngen E.G.E., Lovey A.J. and Stephens W.P. *Journal of Organic Chemistry* 43, (1978) : 138-147

Lewis, J.R. Valproic Acid (Depakene) A New Anticonvulsant Agent *JAMA* 240 (1978) : 2190-2192.

Mercier, J. Chemical compounds possessing anticonvulsant activity. Structur-activity relationships of the antiepileptics. In C. Radouco-Thomas (ed.), *International encyclopedia of pharmacology and Therapeutics* section 19 Anticonvulsant drugs, 1(1973): 203-237.

Morrison, R.T., and Boyd, R.N. *Organic Chemistry*, 5 th ed. Boston : Allyn and Bacon, 1987

Rall, T.W., and Schleifer, L.S. Drugs Effective in the Therapy of the Epilepsies. In A.G. Gillman, T.W. Rall, A.S. Nies, and P. Taylor (eds.), *Goodman and Gilman's The Pharmacological Basis of Therapeutics* pp. 436-462.. New York: Pergamon Press, 1990.

Saisorn, B., Patarapanich, C., and Janwitayanuchit, W. Synthesis of monoureide analogues of valproic acid. *Thai Journal Pharmaceutical Science* 16 (1992) : 145-150.

Spielman, M.A., Gieszler, A.O., and Close, W.J. Anticonvulsant Drugs. II
Some Acylureas. *Journal of American Chemical Society* 70
(1948) : 4189-4191.

Stoughton R.W., Dickison H.L. and Fitzhugh O.G. *Journal of Organic
Chemistry* 2, (1938) : 514-517

Thongchai Sooksawate. 1995. *Anticonvulsant effects of N-(2-propyl-
pentnoyl) urea*. Master's Thesis, Chulalongkorn University.

Touissaint, o., Capdevielle, P. and Maumy, M. Ther copper (I) catalyzed
decarboxylation of malonic acids. A new mild and quantitative
method. *Synthesis* 12 (1986) : 1029-1031.

Wicharn Janwitayanuchit. 1992. *Synthesis of valproic acid analogues*.
Master's Thesis, Chulalongkorn University.

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

VITA

Mr. Pornchai Rodesittisuk was born on March 31, 1970 in Bangkok, Thailand. He has received his Bachelor of Science in Pharmacy in 1993 from the Faculty of Pharmaceutical Sciences, Chulalongkorn University, Thailand. Since his graduation, he has become a faculty member of the Department of Pharmaceutical Chemistry, Faculty of Pharmaceutical Sciences, Chulalongkorn University.



ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย