



>>Entry Name: Lazabemide, INN, USAN

Synonym(s): *N*-(2-Aminoethyl)-5-chloro-2-pyridinecarboxamide, 9Cl. Ro 19-6327



CAS Registry Number: 103878-84-8

Molecular Formula: C₈H₁₀ClN₃O

Molecular Weight: 199.639

Accurate Mass: 199.051239

Percentage Composition: C 48.13%; H 5.05%; Cl 17.76%; N 21.05%; O 8.01%

Biological Use/Importance: Monoamine oxidase B inhibitor. Antidepressant and antiparkinsonian agent

Development Status: In clinical trials for Alzheimer's and Parkinson's disease (1994)

Calculated Log P Data: Log P 0.4 (calc)

>>Derivative: Hydrochloride

Synonym(s): Lazabemide hydrochloride, USAN. Tempium

CAS Registry Number: 103878-83-7

Physical Description: Solid

Melting Point: Mp 193-195°

References:

Ger. Pat., 1986, *Hoffmann-La Roche*, 3 530 046; *CA*, **105**, 97323

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Eur. Pat., 1990, *Hoffmann-La Roche*, 385 210; *CA*, **114**, 143153, (*synth*)

Wyss, R. *et al.*, *J. Chromatogr.*, 1990, **507**, 187, (*hplc*)

Da Prada, M. *et al.*, *Adv. Behav. Biol.*, 1991, **39**, 723, (*props*)

Guentart, T.W. *et al.*, *Br. J. Clin. Pharmacol.*, 1994, **37**, 545, (*pharmacokinet*)

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Davis, P.P. *et al.*, *J. Chromatogr., B: Biomed. Appl.*, 1995, **665**, 327, (*gc-ms*)