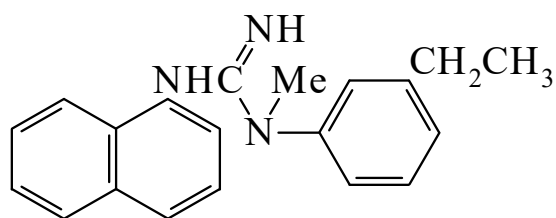




>>Entry Name: Aptiganel, INN

Synonym(s): *N*-(3-Ethylphenyl)-*N*-methyl-*N*'-1-naphthalenylguanidine, 9Cl. Cerestat



CAS Registry Number: 137159-92-3

Molecular Formula: C₂₀H₂₁N₃

Molecular Weight: 303.406

Accurate Mass: 303.173547

Percentage Composition: C 79.17%; H 6.98%; N 13.85%

Use/Importance: NMDA receptor antagonist. Neuroprotective

>>Derivative: Hydrochloride

Synonym(s): CNS 1102. Aptiganel hydrochloride, USAN

CAS Registry Number: 137160-11-3

Physical Description: Needles (EtOH/Et₂O)

Melting Point: Mp 223-225°

References:

Pat. Coop. Treaty (WIPO), 1991, *Oregon State Board of Higher Education*, 91 12 797; *CA*, **115**, 279620p, (*synth, pharmacol*)

Minematsu, K. *et al.*, *Neurology*, 1993, **43**, 397, (*pharmacol*)

Muir, K.W. *et al.*, *Br. J. Clin. Pharmacol.*, 1994, **38**, 33, (*pharmacol*)

Reddy, N.L. *et al.*, *J. Med. Chem.*, 1994, **37**, 260, (*synth, ir, pmr, pharmacol*)