

Neopanaxadiol Biochemical

Neopanaxadiol

CATALOG #
AAA227513

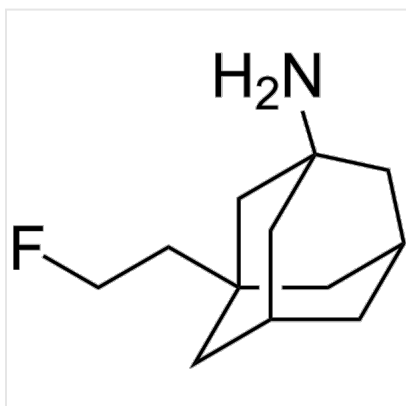
PRODUCT SYNONYMS

Neopanaxadiol; Neopanaxadiol biochemical

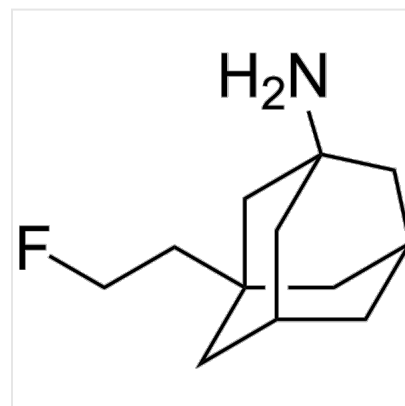
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1203590-03-7
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Neopanaxadiol (30 mg/kg; oral) has a T 1/2 of 2.52 hours, a CL of 5.44 L/h/kg, a C max of 913.44 ng/mL in dogs[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Fluoroethylnormemantine, CAS 1639210-26-6



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ADDITIONAL INFORMATION

Related Product Information for Neopanaxadiol biochemical	Neopanaxadiol, an aglycone of protopanaxadiol type ginsenosides, has the potential for Alzheimer's disease research.
References	1. Couly S, et, al. Anti-Amnesic and Neuroprotective Effects of Fluoroethylnormemantine in a Pharmacological Mouse Model of Alzheimer's Disease. Int J Neuropsychopharmacol. 2021 Feb 15;24(2):142-157. 2. Chen BK, et, al. Fluoroethylnormemantine, a novel derivative of memantine, facilitates extinction learning without sensorimotor deficits. Int J Neuropsychopharmacol. 2021 Feb 25;pyab007. 3. Chen BK, et, al. Fluoroethylnormemantine, a novel NMDA receptor antagonist, for the prevention and treatment of stress-induced maladaptive behavior. Biological Psychiatry. 2021 May 9.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

