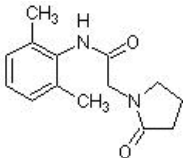


Product datasheet

Nefiracetam, ACh and NMDA agonist ab142529

1 Image

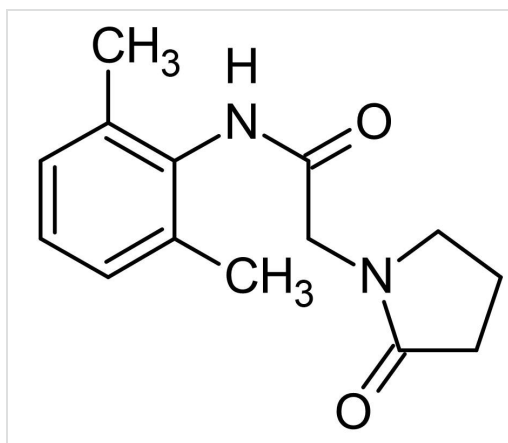
Overview

Product name	Nefiracetam, ACh and NMDA agonist
Description	Nootropic agent. Potent ACh and NMDA agonist.
Biological description	Nootropic. Potentiates ACh currents (EC ₅₀ = 1 nM, α4β2 receptor in cortical neurons) and NMDA currents, via interaction with the glycine binding site (EC ₅₀ = 10 nM). Shows potent neuroprotective effects and anticonvulsant effects <i>in vivo</i> .
Purity	> 98%
CAS Number	77191-36-7
Chemical structure	

Properties

Chemical name	N-(2,6-Dimethylphenyl)-2-(2-oxopyrrolidin-1-yl)acetamide
Molecular weight	246.30
Molecular formula	C ₁₄ H ₁₈ N ₂ O ₂
PubChem identifier	71157
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CC1=C(C(=CC=C1)C)NC(=O)CN2CCCC2=O
Source	Synthetic

Images



Chemical Structure - Nefiracetam, ACh and NMDA agonist (ab142529)

2D chemical structure image of ab142529, Nefiracetam, ACh and NMDA agonist

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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