Overview

Product name: Gabapentin, alpha2delta Ligand

Description: α2δ Ligand

Biological description: Interacts with the α2δ subunit of L-type voltage gated Ca\(^{2+}\) channels. Disrupts calcium channel trafficking. Anticonvulsant and analgesic \textit{in vivo}.

Also available in simple stock solutions (ab146685) - add 1 ml of water to get an exact, ready-to-use concentration.

CAS Number: 60142-96-3

Chemical structure:

![Chemical structure](image)

Properties

Chemical name: 2-[1-(Aminomethyl)cyclohexyl]acetic acid

Molecular weight: 171.24

Molecular formula: C\(_9\)H\(_{17}\)NO\(_2\)

PubChem identifier: 3446

Storage instructions: Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.

Solubility overview: Soluble in water to 100 mM

Handling: 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.

Toxic, refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our \textbf{frequently asked questions (FAQ) page} for more details.

SMILES: NCC1(CC(=O)O)CCCCC1
Source: Synthetic

Images

![2D chemical structure image of ab120219, Gabapentin, alpha2delta Ligand](image)

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

Our Abpromise to you: Quality guaranteed and expert technical support

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