

Product datasheet

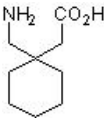
Gabapentin ab120219

1 References

Overview

Product name	Gabapentin
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 <i>in vivo</i> . Also available in simple stock solutions (ab146685) - add 1 ml of water to get an exact, ready-to-use concentration.
Purity	> 99%

Properties

Chemical name	2-[1-(Aminomethyl)cyclohexyl]acetic acid
Molecular weight	171.24
Chemical structure	
Molecular formula	C ₉ H ₁₇ NO ₂
CAS Number	60142-96-3
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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	NCC1(CC(=O)O)CCCCC1
Source	Synthetic

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