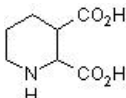


Product datasheet

2,3 cis-Piperidine dicarboxylic acid (cis PDA), Ionotropic receptor antagonist ab120038

[1 References](#) [1 Image](#)

Overview

Product name	2,3 cis-Piperidine dicarboxylic acid (cis PDA), Ionotropic receptor antagonist
Description	Ionotropic receptor antagonist
Biological description	General ionotropic receptor antagonist. Blocks NMDA, AMPA and kainate mediated responses. Also acts as a partial NMDA receptor agonist in the <i>in vitro</i> rat cerebellar cGMP model. Also available in simple stock solutions (ab146697) - add 1 ml of water to get an exact, ready-to-use concentration.
CAS Number	46026-75-9
Chemical structure	

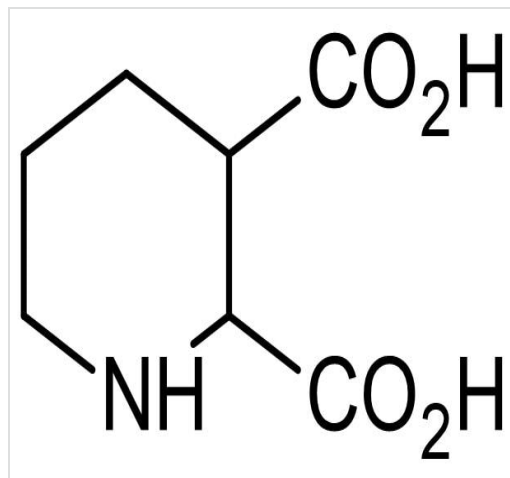
Properties

Chemical name	<i>cis</i> -Piperidine-2,3-dicarboxylic acid
Molecular weight	173.17
Molecular formula	C ₇ H ₁₁ NO ₄
PubChem identifier	1226
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	OC(=O)C1CCCNC1C(=O)O

Source

Synthetic

Images



Chemical Structure - 2,3 cis-Piperidine dicarboxylic acid (cis PDA), Ionotropic receptor antagonist (ab120038)

2D chemical structure image of ab120038, 2,3 cis-Piperidine dicarboxylic acid (cis PDA), Ionotropic receptor antagonist

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