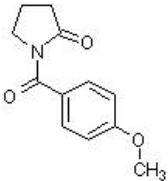


Product datasheet

Aniracetam, AMPA receptor potentiator ab120316

Overview

Product name	Aniracetam, AMPA receptor potentiator
Description	AMPA receptor potentiator
Biological description	Nootropic, positive allosteric modulator of AMPA receptors. Slows AMPA receptor deactivation and desensitisation. Antidepressant and anxiolytic <i>in vivo</i> . Also available in Kit: Ionotropic agonists (ab120323).
Purity	> 99%
CAS Number	72432-10-1
Chemical structure	

Properties

Chemical name	1-(4-Anisoyl)pyrrolidin-2-one
Molecular weight	219.24
Molecular formula	C ₁₂ H ₁₃ NO ₃
PubChem identifier	2196
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 25 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	<chem>O=C2CCCN2C(=O)c1ccc(OC)cc1</chem>
Source	Synthetic

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