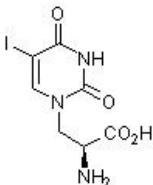


Product datasheet

(S)-5-Iodowillardiine, GluK1 kainate agonist ab120222

Overview

Product name	(S)-5-Iodowillardiine, GluK1 kainate agonist
Description	GluK1 kainate agonist
Biological description	Selective GluK1 (formerly GluR5) kainate receptor agonist ($EC_{50} = 83 \mu M$). Partial agonist activity at GluK2 (formerly GluR6/KA2) receptors. Displays low affinity for AMPA and homomeric GluR6 and GluR7 receptors.
Purity	> 98%
CAS Number	140187-25-3
Chemical structure	

Properties

Chemical name	(S)-2-Amino-3-(5-iodo-3,4-dihydro-2,4-dioxypyrimidin-1(2H)-yl)propanoic acid
Molecular weight	325.06
Molecular formula	C ₇ H ₈ IN ₃ O ₄
PubChem identifier	447196
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in 1 eq. NaOH to 25 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	<chem>N[C@@H](CN1C=C(I)C(=O)NC1=O)C(=O)O</chem>
Source	Synthetic

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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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