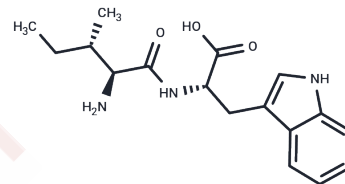


BNC210

Chemical Properties

CAS No. : 13589-06-5
 Formula: C₁₇H₂₃N₃O₃
 Molecular Weight: 317.38
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	BNC210 (IW-2143) is a $\alpha 7$ nAChR negative allosteric modulator. BNC210 has potent activity in animal models of anxiety and depression.
Targets(IC ₅₀)	AChR

Solubility Information

Solubility	DMSO: 125 mg/mL (393.85 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1508 mL	15.754 mL	31.508 mL
5 mM	0.6302 mL	3.1508 mL	6.3016 mL
10 mM	0.3151 mL	1.5754 mL	3.1508 mL
50 mM	0.063 mL	0.3151 mL	0.6302 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Toby Wise, et al. Cholinergic Modulation of Disorder-Relevant Neural Circuits in Generalised Anxiety Disorder (GAD) by BNC210, a negative allosteric modulator of $\alpha 7$ nAChR.

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