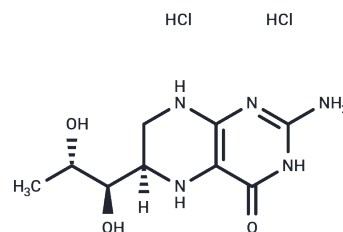


Sapropterin dihydrochloride

Chemical Properties

CAS No. :	69056-38-8
Formula:	C ₉ H ₁₇ Cl ₂ N ₅ O ₃
Molecular Weight:	314.17
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sapropterin dihydrochloride (6R-BH ₄ dihydrochloride) is phenylalanine hydroxylase agonist that is approved for the treatment of BH ₄ responsive PKU.
Targets(IC ₅₀)	Hydroxylase

Solubility Information

Solubility	H ₂ O: 260 mg/mL (827.58 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	3.183 mL	15.915 mL	31.8299 mL
5 mM	0.6366 mL	3.183 mL	6.366 mL
10 mM	0.3183 mL	1.5915 mL	3.183 mL
50 mM	0.0637 mL	0.3183 mL	0.6366 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

Vanoxerine, a New Drug for Terminating Atrial Fibrillation and Flutter[J]. J Cardiovasc Electrophysiol, 2010, 21(3): 311-319.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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