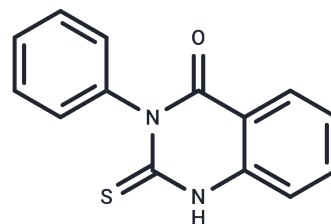


PDE7 inhibitor S14

Chemical Properties

CAS No. : 18741-24-7
Formula: C₁₄H₁₀N₂O₂S
Molecular Weight: 254.31
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PDE7 inhibitor S14 is a cell-permeable PDE7 inhibitor that acts by targeting the cyclic adenosine monophosphate (cAMP)/cAMP-response element-binding protein (CREB) pathway.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9322 mL	19.661 mL	39.3221 mL
5 mM	0.7864 mL	3.9322 mL	7.8644 mL
10 mM	0.3932 mL	1.9661 mL	3.9322 mL
50 mM	0.0786 mL	0.3932 mL	0.7864 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

Bartolome F, de la Cueva M, Pascual C, Antequera D, Fernandez T, Gil C, Martinez A, Carro E. Amyloid β -induced impairments on mitochondrial dynamics, hippocampal neurogenesis, and memory are restored by

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