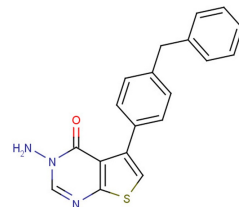


Barbadin

Chemical Properties

CAS No.:	356568-70-2
Formula:	C ₁₉ H ₁₅ N ₃ O ₂ S
Molecular Weight:	333.41
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Targets(IC ₅₀)	β-arrestin1: 19.1 μM β-arrestin2: 15.6 μM
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Solubility Information

Solubility	DMSO: 50 mg/mL (149.97 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.999 mL	14.997 mL	29.993 mL
5 mM	0.6 mL	2.999 mL	5.999 mL
10 mM	0.3 mL	1.5 mL	2.999 mL
50 mM	0.06 mL	0.3 mL	0.6 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Beaudrait A, et al. A new inhibitor of the β-arrestin/AP2 endocytic complex reveals interplay between GPCR internalization and signalling. Nat Commun. 2017 Apr 18;8:15054. doi: 10.1038/ncomms15054.

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