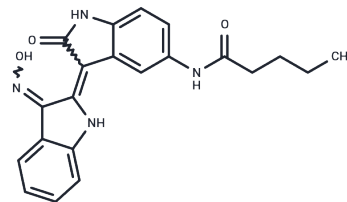


DRAK2-IN-1

Chemical Properties

CAS No. : 871837-60-4
Formula: C₂₁H₂₀N₄O₃
Molecular Weight: 376.41
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Drak2-in-1, a potent, selective and ATP-competitive DRAK2 inhibitor, has an IC ₅₀ and K _i value of 3 nM and 0.26 nM, respectively. Drak2-in-1 also had an effect on DRAK1 (IC ₅₀ =51 nM).
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6567 mL	13.2834 mL	26.5668 mL
5 mM	0.5313 mL	2.6567 mL	5.3134 mL
10 mM	0.2657 mL	1.3283 mL	2.6567 mL
50 mM	0.0531 mL	0.2657 mL	0.5313 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

Jung ME, et al. Discovery of indirubin derivatives as new class of DRAK2 inhibitors from high throughput screening. Bioorg Med Chem Lett. 2016 Jun 1;26(11):2719-23

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