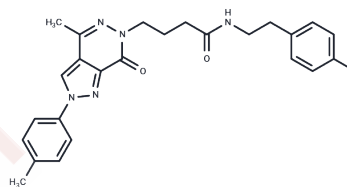


K-Ras-PDE $\delta$ -IN-1

## Chemical Properties

CAS No. :	1841464-21-8
Formula:	C <sub>25</sub> H <sub>26</sub> FN <sub>5</sub> O <sub>2</sub>
Molecular Weight:	447.5
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	K-Ras-PDE $\delta$ -IN-1 is a potent inhibitor of competitive K-Ras-PDE $\delta$ that binds to the farnesyl binding pocket of PDE $\delta$ (Kd of 8 nM).
Targets(IC50)	PDE

## Solubility Information

Solubility	DMSO: 4.48 mg/mL (10.01 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	2.2346 mL	11.1732 mL	22.3464 mL
5 mM	0.4469 mL	2.2346 mL	4.4693 mL
10 mM	0.2235 mL	1.1173 mL	2.2346 mL
50 mM	0.0447 mL	0.2235 mL	0.4469 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Sandip Murarka, et al. Development of Pyridazinone Chemotypes Targeting the PDE $\delta$  Prenyl Binding Site. Chemistry. 2017 May 2;23(25):6083-6093.

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