

## Deltasonamide 2 hydrochloride

## Chemical Properties

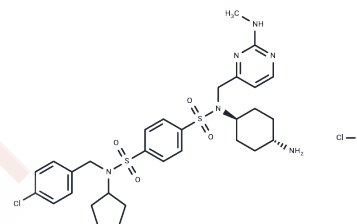
CAS No. :

Formula: C<sub>30</sub>H<sub>40</sub>Cl<sub>2</sub>N<sub>6</sub>O<sub>4</sub>S<sub>2</sub>

Molecular Weight: 683.71

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	Deltasonamide 2 hydrochloride is a competitive high-affinity PDE $\delta$ inhibitor with a K <sub>d</sub> of approximately 385 pM.
Targets(IC50)	PDE

## Solubility Information

Solubility	DMSO: 150 mg/mL (219.39 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	1.4626 mL	7.313 mL	14.6261 mL
5 mM	0.2925 mL	1.4626 mL	2.9252 mL
10 mM	0.1463 mL	0.7313 mL	1.4626 mL
50 mM	0.0293 mL	0.1463 mL	0.2925 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

Klein CH, et al. PDE $\delta$  inhibition impedes the proliferation and survival of human colorectal cancer cell lines harboring oncogenic KRAs. Int J Cancer. 2019 Feb 15;144(4):767-776.

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