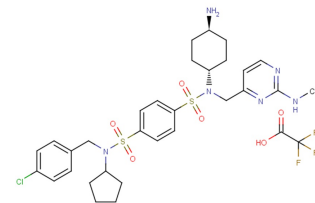


## Deltasonamide 2 (TFA)

## Chemical Properties

CAS No.:	2235358-74-2
Formula:	C32H40ClF3N6O6S2
Molecular Weight:	761.27
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Deltasonamide 2 TFA is competitive, high affinity PDEδ inhibitor with a Kd of ~385 pM.
Targets(IC <sub>50</sub> )	PDEδ: (Kd)~385 pM

## Solubility Information

Solubility	DMSO: 125 mg/mL (164.20 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.314 mL	6.568 mL	13.136 mL
5 mM	0.263 mL	1.314 mL	2.627 mL
10 mM	0.131 mL	0.657 mL	1.314 mL
50 mM	0.026 mL	0.131 mL	0.263 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. Klein CH, et al. PDEδ 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.

Inhibitors · Natural Compounds · Compound Libraries

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