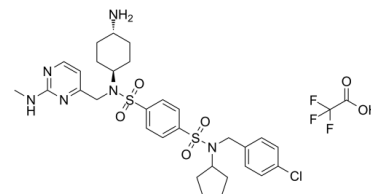


Data Sheet

Product Name:	Deltasonamide 2 (TFA)
Cat. No.:	CS-0096971
CAS No.:	2235358-74-2
Molecular Formula:	C32H40ClF3N6O6S2
Molecular Weight:	761.27
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Solubility:	DMSO : 125 mg/mL (164.20 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Deltasonamide 2 TFA is competitive, high affinity **PDEδ** inhibitor with a K_d of ~385 pM^[1]. IC50 & Target: K_d : ~385 pM (PDEδ)^[1]

References:

[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.

CAIndexNames:

1,4-Benzenedisulfonamide, N1-(trans-4-aminocyclohexyl)-N4-[(4-chlorophenyl)methyl]-N4-cyclopentyl-N1-[[2-(methylamino)-4-pyrimidinyl]methyl]-, 2,2,2-trifluoroacetate (1:1)

SMILES:

O=S(C1=CC=C(S(=O)(N(CC2=CC=C(Cl)C=C2)C3CCCC3)=O)C=C1)N([C@H]4CC[C@H](N)CC4)CC5=NC(NC)=NC=C5=O.O=C(O)C(F)(F)F

Caution: Product has not been fully validated for medical applications. For research use only.

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