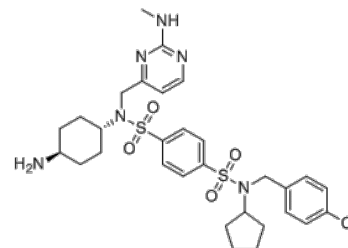


Product Name : Deltasonamide 2
Cat. No. : PC-61154
CAS No. : 2088485-34-9
Molecular Formula : C₃₀H₃₉ClN₆O₄S₂
Molecular Weight : 647.25
Target : Ras
Solubility : 10 mM in DMSO



Biological Activity

Deltasonamide 2 (Deltasonamide-2) is a novel small molecule inhibitor of **PDE6δ/KRas interaction** with K_d of 385 pM. Deltasonamide 2 inhibits PDE6δ/KRas interaction in cells with K_d of 64 nM, selectively inhibits growth of KRas mutated and -dependent cells. Deltasonamide 2 inhibits the oncogenic KRas-dependent MiaPaCa-2 with IC₅₀ of 750 nM.

References

Martín-Gago P, et al. *Angew Chem Int Ed Engl*. 2017 Feb 20;56(9):2423-2428.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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