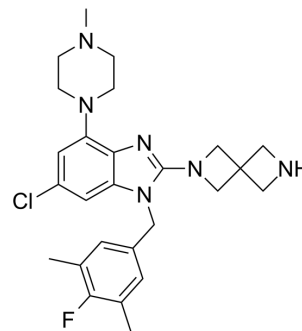


SOS1 activator 1

Cat. No.:	HY-111671
CAS No.:	2245237-53-8
Molecular Formula:	C ₂₆ H ₃₂ ClFN ₆
Molecular Weight:	483.02
Target:	Ras
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SOS1 activator 1 (Compound 64) is a potent activator of SOS1-mediated nucleotide exchange with a K_d of 44 nM. SOS1 is a guanine nucleotide exchange factor that catalyzes the exchange of GDP for GTP on RAS^[1].

REFERENCES

[1]. Timothy R Hodges, et al. Discovery and Structure-Based Optimization of Benzimidazole-Derived Activators of SOS1-Mediated Nucleotide Exchange on RAS. *J Med Chem.* 2018 Oct 11;61(19):8875-8894.

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

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