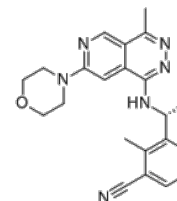


Product Name : MRTX0902
Cat. No. : PC-73313
CAS No. : 2654743-22-1
Molecular Formula : C₂₂H₂₄N₆O
Molecular Weight : 388.475
Target : Ras
Solubility : 10 mM in DMSO



1. Ketcham JM, et al. *J Med Chem*. 2022 Jul 28;65(14):9678-9690.

Biological Activity

MRTX0902 is a highly potent, selective **SOS1** inhibitor with binding IC₅₀ of 2 nM, cellular IC₅₀ of 33 nM (pERK).

MRTX0902 displays weak to no affinity for SOS2 with IC₅₀ of >10 μM.

MRTX0902 exhibits promising potency, selectivity, and exposure in preclinical species.

MRTX0902 in combined with MRTX849 demonstrates durable regression in KRasG12C NSCLC and CRC PDX models.

MRTX0902 demonstrates improved efficacy with osimertinib (EGFRi), VS-6766 (RAF/MEKc) in MAPK tumor models.

References

