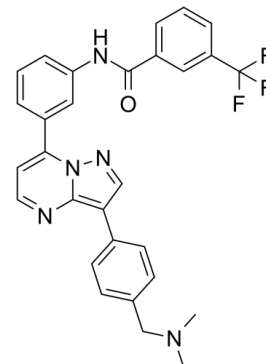


Data Sheet

Product Name:	B-Raf IN 1
Cat. No.:	CS-3238
CAS No.:	950736-05-7
Molecular Formula:	C ₂₉ H ₂₄ F ₃ N ₅ O
Molecular Weight:	515.53
Target:	Raf
Pathway:	MAPK/ERK Pathway
Solubility:	DMSO : ≥ 53 mg/mL (102.81 mM)



BIOLOGICAL ACTIVITY:

B-Raf IN 1 is a potent and selective **B-Raf** kinase inhibitor with an IC₅₀ of 24 nM. **In Vitro**: B-Raf IN 1 (Compound 10n) inhibits WM 266-4 and HT29 cells with IC₅₀s of 0.92 and 0.78 μM, respectively^[1].

References:

[1]. Berger DM, et al. Non-hinge-binding pyrazolo[1,5-a]pyrimidines as potent B-Raf kinase inhibitors. Bioorg Med Chem Lett. 2009 Dec 1;19(23):6519-23.

CAIndexNames:

Benzamide, N-[3-[3-[4-[(dimethylamino)methyl]phenyl]pyrazolo[1,5-a]pyrimidin-7-yl]phenyl]-3-(trifluoromethyl)-

SMILES:

O=C(NC1=CC=CC(C2=CC=NC3=C(C4=CC=C(CN(C)C)C=C4)C=NN23)=C1)C5=CC=CC(C(F)(F)F)=C5

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

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