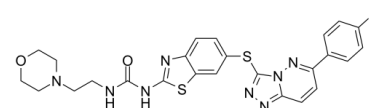


Data Sheet

Product Name:	SAR125844
Cat. No.:	CS-0006341
CAS No.:	1116743-46-4
Molecular Formula:	C ₂₅ H ₂₃ FN ₈ O ₂ S ₂
Molecular Weight:	550.63
Target:	Apoptosis; c-Met/HGFR
Pathway:	Apoptosis; Protein Tyrosine Kinase/RTK
Solubility:	DMSO : 45 mg/mL (81.72 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

SAR125844 is a potent, highly selective, reversible and ATP-competitive **MET receptor tyrosine kinase (RTK)** inhibitor, with an **IC₅₀** of 4.2 nM. Shows inhibition of MET autophosphorylation in cell-based assays^[1]. IC₅₀ & Target: IC₅₀: 4.2 nM (MET RTK)^[1].

References:

[1]. Egile C, et al. The selective intravenous inhibitor of the MET tyrosine kinase SAR125844 inhibits tumor growth in MET-amplified cancer. *Mol Cancer Ther.* 2015 Feb;14(2):384-94.

CAIndexNames:

Urea, N-[6-[[6-(4-fluorophenyl)-1,2,4-triazolo[4,3-b]pyridazin-3-yl]thio]-2-benzothiazolyl]-N'-[2-(4-morpholinyl)ethyl]-

SMILES:

O=C(NCCN1CCOCC1)NC2=NC3=CC=C(SC4=NN=C5C=CC(C6=CC=C(F)C=C6)=NN54)C=C3S2

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

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