

Product Information

VEGFR inhibitor EG00229, Purity \geq 98%

Cat. No.: X24-06-ZQ241

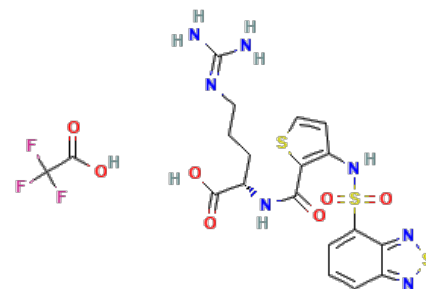
Size: 5 mg; 10 mg; 50 mg

CAS Number: 1210945-69-9

Compound CID: 45142253

Synonym: 1210945-69-9; VEGFR inhibitor; EG 00229; EG-00229

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	EG00229 is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR.
Molecular Weight	611.6
Molecular Formula	C ₁₉ H ₂₀ F ₃ N ₇ O ₇ S ₃
IUPAC Name	(2S)-2-[[[3-(2,1,3-benzothiadiazol-4-ylsulfonylamino)thiophene-2-carbonyl]amino]-5-(diaminomethylideneamino)pentanoic acid;2,2,2-trifluoroacetic acid
InChI	InChI=1S/C17H19N7O5S3.C2HF3O2/c18-17(19)20-7-2-4-11(16(26)27)21-15(25)14-10(6-8-30-14)24-32(28,29)12-5-1-3-9-13(12)23-31-22-9;3-2(4,5)1(6)7/h1,3,5-6,8,11,24H,2,4,7H2,(H,21,25)(H,26,27)(H4,18,19,20);(H,6,7)/t11-;/m0./s1
InChI Key	ZYQBITUOSRZDTG-MERQFXBCSA-N
Canonical SMILES	C1=CC2=NSN=C2C(=C1)S(=O)(=O)NC3=C(SC=C3)C(=O)NC(CCCN=C(N)N)C(=O)O.C(=O)(C(F)(F)F)O
Isomeric SMILES	C1=CC2=NSN=C2C(=C1)S(=O)(=O)NC3=C(SC=C3)C(=O)N[C@@H](CCCN=C(N)N)C(=O)O.C(=O)(C(F)(F)F)O
Form	Lyophilized powder
Purity	\geq 98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade



Applications

EG00229 targets VEGFR, relevant in studying angiogenesis and its role in disease models such as cancer.

Storage

Store at -20°C, and keep desiccated.
