

Product Information

VEGFR inhibitor TAS-115, Purity $\geq 98\%$

Cat. No.: X24-06-ZQ263

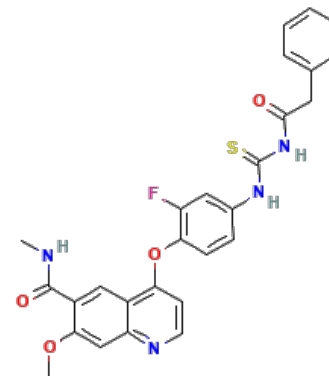
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 1190836-34-0

Compound CID: 44247727

Synonym: 1190836-34-0; VEGFR inhibitor; TAS-115; TAS115; TAS 115

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



Product Information

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|--------------------------|--|
| Description | TAS-115 is a protein tyrosine kinase inhibitor that has shown potent biochemical activity against VEGFR. |
| Molecular Weight | 518.56 |
| Molecular Formula | C ₂₇ H ₂₃ FN ₄ O ₄ S |
| IUPAC Name | 4-[2-Fluoro-4-[(2-phenylacetamido)carbamothioylamino]phenoxy]-7-methoxy-N-methylquinoline-6-carboxamide |
| InChI | InChI=1S/C27H23FN4O4S/c1-29-26(34)19-14-18-21(15-24(19)35-2)30-11-10-22(18)36-23-9-8-17(13-20(23)28)31-27(37)32-25(33)12-16-6-4-3-5-7-16/h3-11,13-15H,12H2,1-2H3,(H,29,34)(H2,31,32,33,37) |
| InChI Key | ORRNXYWGDUDOG-UHFFFAOYSA-N |
| Canonical SMILES | CNC(=O)C1=CC2=C(C=CN=C2C=C1OC)OC3=C(C=C(C=C3)NC(=S)NC(=O)CC4=CC=CC=C4)F |
| 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 | TAS-115 is used in research to block VEGFR-mediated processes, important for understanding tumor growth control mechanisms. |
| Storage | Store at -20°C, and keep desiccated. |



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