



Product Information

Microtubule/Tubulin inhibitor, Cevipabulin, Purity ≥98%

Cat. No.: X24-08-YM223

Size: 5 mg; 10 mg; 25 mg; 50 mg

MDL: MFCD09832720

CAS Number: 849550-05-6

Compound CID: 11488110

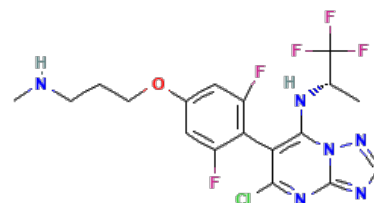
Synonym: 849550-05-6; TTI237; D06576; Cevipabulin (TTI 237);

5-Chloro-6-[2,6-difluoro-4-

[3-(methylamino)propoxy]phenyl]-N-[(2S

)-1,1,1-trifluoropropan-2-yl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine

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



Product Information

Description	Cevipabulin is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting microtubule/tubulin.
Molecular Weight	464.82
Molecular Formula	C ₁₈ H ₁₈ ClF ₅ N ₆ O
IUPAC Name	5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-N-[(2S)-1,1,1-trifluoropropan-2-yl]-[1,2,4]triazolo[1,5-a]pyrimidin-7-amine
InChI	InChI=1S/C18H18ClF5N6O/c1-9(18(22,23)24)28-16-14(15(19)29-17-26-8-27-30(16)17)13-11(20)6-10(7-12(13)21)31-5-3-4-25-2/h6-9,25,28H,3-5H2,1-2H3/t9-/m0/s1
InChI Key	ZUZPCOQWSYNWLU-VIFPVBQESA-N
Canonical SMILES	CC(C(F)(F)F)NC1=C(C(=NC2=NC=NN12)Cl)C3=C(C=C(C=C3F)OCCCNCF
Isomeric SMILES	C[C@@H](C(F)(F)F)NC1=C(C(=NC2=NC=NN12)Cl)C3=C(C=C(C=C3F)OCCCNCF
Form	Lyophilized powder
Purity	≥98%
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Cevipabulin is a cytoskeletal signaling inhibitor that plays a key role in destabilizing microtubules, which interferes with cell division and induces apoptosis.



Storage

Store at -20°C, and keep desiccated.
