CD BioGlyco
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

Microtubule/Tubulin inhibitor, Cevipabulin, Purity ≥98%

Cat. No.: X24-08-YM223

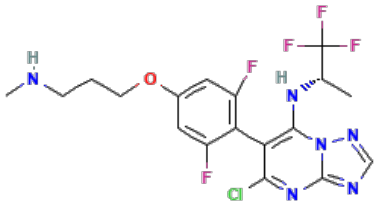
Size: 5 mg; 10 mg; 25 mg; 50 mg

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*-[(2*S*)-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	$C_{18}H_{18}ClF_5N_6O$
IUPAC Name	5-Chloro-6-[2,6-difluoro-4-[3-(methylamino)propoxy]phenyl]-*N*-[(2*S*)-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)OCCCNC)F
Isomeric SMILES	C[C@@H](C(F)(F)F)NC1=C(C(=NC2=NC=NN12)Cl)C3=C(C=C(C=C3F)OCCCNC)F
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.

© CD BioGlyco. All Rights Reserved.

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Storage	Store at -20ºC, and keep desiccated.

© CD BioGlyco. All Rights Reserved.