

Product Information

CF-102

Cat. No.: X23-12-YM900

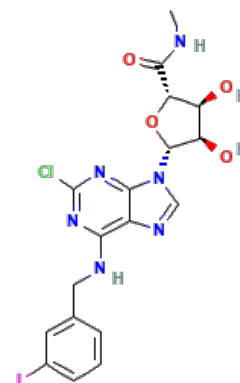
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 163042-96-4

Compound CID: 3035850

Synonym: 163042-96-4; Namodenoson

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



Product Information

Description	CF-102, soluble in DMSO and insoluble in water and ethanol, inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	544.73079
Molecular Formula	C ₁₈ H ₁₈ ClIN ₆ O ₄
IUPAC Name	(2S,3S,4R,5R)-5-[2-Chloro-6-[(3-iodophenyl)methylamino]purin-9-yl]-3,4-dihydroxy-N-methylxolane-2-carboxamide
InChI	InChI=1S/C18H18ClIN6O4/c1-21-16(29)13-11(27)12(28)17(30-13)26-7-23-10-14(24-18(19)25-15(10)26)22-6-8-3-2-4-9(20)5-8/h2-5,7,11-13,17,27-28H,6H2,1H3,(H,21,29)(H,22,24,25)/t11-,12+,13-,17+/m0/s1
InChI Key	IPSYPUKKXMNCNQ-PFHKOEEOSA-N
Canonical SMILES	CNC(=O)C1C(C(C(O1)N2C=NC3=C(N=C(N=C32)Cl)NCC4=CC(=CC=C4)I)O)O
Isomeric SMILES	CNC(=O)[C@@H]1[C@H]([C@H]([C@@H](O1)N2C=NC3=C(N=C(N=C32)Cl)NCC4=CC(=CC=C4)I)O)O
Form	Lyophilized powder
Purity	>98%
Solubility	DMSO: 94 mg/mL (172.56 mM); Water: insoluble; Ethanol: insoluble
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	CF-102 can be used for its anticancer properties in various types of cancer, including liver cancer, renal cell carcinoma, and other solid tumors.



Storage

Store at -20°C, and keep desiccated.
