

Product Information

Aftin-4

Cat. No.: X23-12-YM292

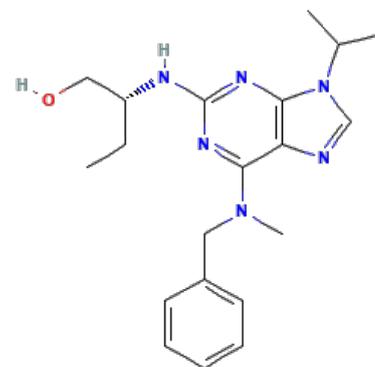
Size: 2 mg; 5 mg; 10 mg; 50 mg

CAS Number: 866893-90-5

PubChem CID: 5289296

Synonym: 866893-90-5; Aftin4

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



Product Information

Description	Aftin-4 interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	368.5
Molecular Formula	C ₂₀ H ₂₈ N ₆ O
IUPAC Name	(2 <i>R</i>)-2-[[6-[Benzyl(methyl)amino]-9-propan-2-yl]purin-2-yl]amino]butan-1-ol
InChI	InChI=1S/C20H28N6O/c1-5-16(12-27)22-20-23-18(25(4)11-15-9-7-6-8-10-15)17-19(24-20)26(13-21-17)14(2)3/h6-10, 13-14, 16, 27H, 5, 11-12H2, 1-4H3, (H, 22, 23, 24)/t16-m/s1
InChI Key	YPYWONAECUVKHY-MRXNPFDSA-N
Canonical SMILES	CCC(CO)NC1=NC2=C(C(=N1)N(C)CC3=CC=CC=C3)N=CN2C(C)C
Isomeric SMILES	CC[C@H](CO)NC1=NC2=C(C(=N1)N(C)CC3=CC=CC=C3)N=CN2C(C)C
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Aftin-4 can be studied extensively for its potential applications in research on diseases of the central and peripheral nervous systems.
Storage	Store at -20°C, and keep desiccated.