

Product Name : Wiskostatin

Synonyms : —

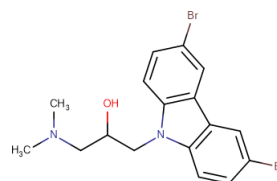
Cat No. : M13755

CAS Number : 253449-04-6

Molecular Formula : C₁₇H₁₈Br₂N₂O

Formula Weight : 426.15

Chemical Name : —



Description : Wiskott-Aldrich syndrome protein (WASP) and WAVE stimulate actin-related protein (Arp)2/3-mediated actin polymerization, leading to diverse downstream effects, including the formation and remodeling of cell surface protrusions, modulation of cell migration, and intracytoplasmic propulsion of organelles and pathogens. Selective inhibitors of individual Arp2/3 activators would enable more exact dissection of WASP- and WAVE-dependent cellular pathways and are potential therapeutic targets for viral pathogenesis. Wiskostatin is a recently described chemical inhibitor that selectively inhibits neuronal WASP (N-WASP)-mediated actin polymerization in vitro.

Pathway : Others

Target : Other Targets

Receptor : WASP(Arp)2/3

Solubility : DMSO: 10 mM

SMILES : CN(C)CC(O)CN1C2=C(C=C(Br)C=C2)C2=C1C=CC(Br)=C2

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Guerriero CJ, Weisz OA. Am J Physiol Cell Physiol. 2007 Apr;292(4):C1562-6.