
YS-49

产品编号: D61263

CAS: 132836-42-1

分子式: C₂₀H₂₀BrNO₂

纯度: 98%

InChi Key: InChIKey=JXFRKNGQHAAJKY-UHFFFAOYSA-N

Smiles: OC1=CC2=C(C=C1O)C(NCC2)CC3=C4C=CC=CC4=CC=C3.[H]Br

外观: 固体粉末

作用通路: Cytoskeletal Signaling

作用靶点: Adrenergic Receptor; Akt; PI3K; RAAS

溶解性: DMSO: 100 mg/mL (258.88 mM; Need ultrasonic) H₂O: 10 mg/mL (25.89 mM; ultrasonic and warming and heat to 60°C)

保存条件: -20°C

产品介绍: YS-49 is a PI3K/Akt (a downstream target of RhoA) activator, to reduce RhoA/PTEN activation in the 3-methylcholanthrene-treated cells. YS-49 inhibits angiotensin II (Ang II)-stimulated proliferation of VSMCs via induction of heme oxygenase (HO)-1. YS-49 is also an isoquinoline compound alkaloid, has a strong positive inotropic action through activation of cardiac β -adrenoceptors