
NB-598 free base

产品编号: D51661

CAS: 131060-14-5

分子式: C₂₇H₃₁NOS₂

纯度: ≥98%

InChi: InChI=1S/C₂₇H₃₁NOS₂/c1-5-28(14-8-6-7-13-27(2,3)4)18-22-10-9-11-25(16-22)29-19-26-17-24(21-31-26)23-12-15-30-20-23/h6,8-12,15-17,20-21H,5,14,18-19H2,1-4H3/b8-6+

InChi Key: KIRGLCXNEVICO-SOFGYWHQSA-N

Smiles: CCN(C/C=C/C#CC(C)(C)C)CC1=CC(=CC=C1)OCC1=CC(=CS1)C1=CSC=C1

外观: 固体粉末

作用通路: Others

溶解性: Soluble in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: NB-598 is a potent competitive inhibitor of squalene epoxidase (SE). NB-598 suppresses triglyceride biosynthesis through the farnesol pathway. NB-598 suppresses the secretion of cholesterol and triacylglycerol and simultaneously reduces apolipoprotein B in HepG2 cells. NB-598 reduced basolaterally secreted radioactivity in cholesterol, cholesterol ester, PL and TG. Furthermore, NB-598 suppressed the basolateral secretion of apolipoprotein (apo) B. When microsomes prepared from control Caco-2 cells were incubated with 10 microM NB-598, acyl CoA:cholesterol acyltransferase (ACAT) activity was inhibited slightly.