
SB-3CT

产品编号: D51114

CAS: 292605-14-2

分子式: C₁₅H₁₄O₃S₂

纯度: ≥98%

InChi: InChI=1S/C₁₅H₁₄O₃S₂/c16-20(17,11-14-10-19-14)15-8-6-13(7-9-15)18-12-4-2-1-3-5-12/h1-9,14H,10-11H2

InChi Key: LSONWRHLFZYHIN-UHFFFAOYSA-N

Smiles: O=S(=O)(CC1CS1)C1C=CC(=CC=1)OC1C=CC=CC=1

外观: 固体粉末

作用通路: MMP

溶解性: Soluble in DMSO, not in water

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

产品介绍: SB-3CT is a potent matrix metalloproteinase MMP-2 and MMP-9 inhibitor. SB-3CT is a 2-[(arylsulfonyl)methyl]thiirane that achieves potent inhibition, by a thiirane-opening mechanism, of the MMP2 and MMP9 zinc metalloproteases. SB-3CT attenuates behavioral impairments and hippocampal loss after traumatic brain injury in rat. Matrix metalloproteinases (MMPs) are involved in a number of activities including angiogenesis and embryogenesis. In particular, gelatinases A (MMP-2) and B (MMP-9), are thought to facilitate tumor metastasis.