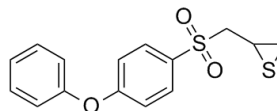


Product Name	: SB-3CT
Synonyms	: Matrix Metalloproteinase-2/9 Inhibitor IV; MMP-2/MMP-9 Inhibitor IV
Cat No.	: M13902
CAS Number	: 292605-14-2
Molecular Formula	: C ₁₅ H ₁₄ O ₃ S ₂
Formula Weight	: 306.40
Chemical Name	: 2-(((4-phenoxyphenyl)sulfonyl)methyl)thiirane
Description	: SB-3CT is an effective and selective gelatinase inhibitor with K _i of 13.9 nM and 600 nM for MMP-2 and MMP-9, respectively.
Pathway	: Metabolic Enzyme/Protease
Target	: MMP
Receptor	: MMP-2; MMP-9
Solubility	: Ethanol: 10 mg/mL warmed (32.63 mM); DMSO: 61 mg/mL (199.08 mM)
SMILES	: <chem>O=S(CC1SC1)(C2=CC=C(OC3=CC=CC=C3)C=C2)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. Brown S, et al. J Am Chem Soc. 2000, 122 (28), 6799–6800.