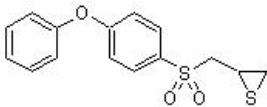


Product datasheet

SB-3CT, MMP-2 and MMP-9 inhibitor ab141579

[2 References](#) [1 Image](#)

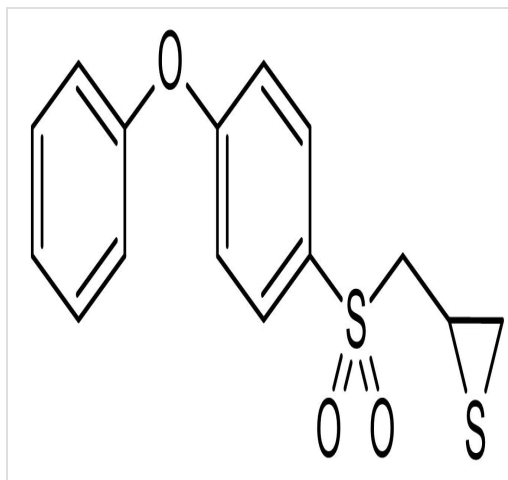
Overview

Product name	SB-3CT, MMP-2 and MMP-9 inhibitor
Description	Potent, competitive and non-selective MMP-2 and MMP-9 inhibitor
Biological description	Potent, competitive and non-selective MMP-2 and MMP-9 inhibitor (K_i values are 13.9 and 600 nM for MMP-2 and MMP-9 respectively). Does not alter the activity of MMP-1, MMP-3 or MMP-7 (K_i values are 206 (MMP-1), 15 (MMP-3) and 96 (MMP-7) μ M). Neuroprotective and blood-brain barrier permeable.
Purity	> 98%
CAS Number	292605-14-2
Chemical structure	

Properties

Chemical name	2-[(4-phenoxyphenyl)sulfonylmethyl]thiirane
Molecular weight	306.40
Molecular formula	$C_{15}H_{14}O_3S_2$
PubChem identifier	9883002
Storage instructions	Store at $-20^{\circ}C$. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 25 mM and ethanol
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at $-20^{\circ}C$. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>C1C(S1)CS(=O)(=O)C2=CC=C(C=C2)OC3=CC=CC=C3</chem>
Source	Synthetic

Images



2D chemical structure image of ab141579, SB-3CT, MMP-2 and MMP-9 inhibitor

Chemical Structure - SB-3CT, MMP-2 and MMP-9 inhibitor (ab141579)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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