SB-3CT

MMP inhibitor

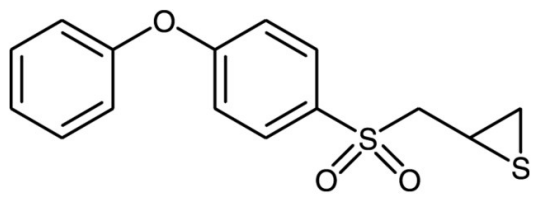
Competitive, mechanism-based inhibitor of matrix metalloproteinases 2 and 9 (MMP-2 and MMP-9). It possesses K_i values in the nanomolar range against the gelatinases (14nM for MMP-2; 600nM for MMP-9), but in the micromolar range against other metalloproteinases (206µM for MMP-1, 15µM for MMP-3, 96µM for MMP-7, and 4µM for ADAM17/TACE). This inhibitor has also been used *in vitro, in vivo*, and in tissue culture. *In vivo*, it is metabolized to an even more potent gelatinase inhibitor.

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BML-EI325-0001	1mg
BML-EI325-0005	5mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	292605-14-2
Couple Target	MMP, MMP-2, MMP-9
Couple Type	Inhibitor
Formula	$C_{15}H_{14}O_3S_2$
MW	306.4
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (at least 30mM) or 100% ethanol.

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