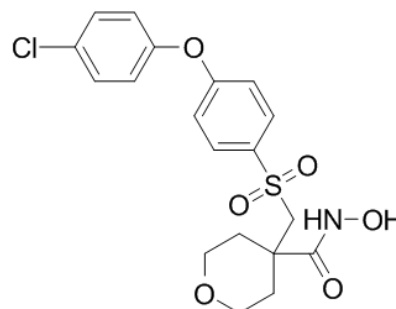


Product Name : CTS-1027
Cat. No. : PC-42562
CAS No. : 193022-04-7
Molecular Formula : C₁₉H₂₀ClNO₆S
Molecular Weight : 425.8832
Target : Matrix Metalloproteinase (MMP)
Solubility : 10 mM in DMSO



Biological Activity

CTS-1027 (RS-130830) is a potent, selective, broad-spectrum **MMP** inhibitor with K_i of <9 nM for MMP2, 3, 8, 9, 12, 13 and 14, but not MMP1 and 7.

CTS-1027 displays little or no activity for other proteinases including caspases, the initiator and effector proteinases of apoptosis.

CTS-1027 attenuates hepatocyte apoptosis, liver injury and hepatic fibrosis, and is an attractive agent as a potential hepatoprotective agent in HCV patients.

References

Kahraman A, et al. *Hepato Res.* 2009 Aug;39(8):805-13.

Liechti FD, et al. *J Neuroinflammation.* 2015 Mar 4;12:43.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com