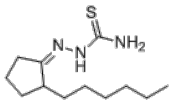
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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	BLT-1
Cat. No.	:	PC-62034
CAS No.	:	321673-30-7
Molecular Formula	:	$C_{12}H_{23}N_3S$
Molecular Weight	:	241.397
Target	:	Scavenger Receptor
Solubility	:	10 mM in DMSO



Biological Activity

BLT-1 (Block lipid transport-1) is an irreversible Scavenger receptor class B member I (**SR-BI**) inhibitor that blocks SR-BI-mediated selective lipid uptake and bidirectional cholesterol flux with an IC50 of 50 nM.
BLT-1 significantly inhibits baicalin-induced cholesterol efflux in THP-1 macrophages.

References

Yu M, et al. ***Proc Natl Acad Sci U S A.*** 2011 Jul 26;108(30):12243-8.

Nieland TJ, et al. ***J Lipid Res.*** 2007 Aug;48(8):1832-45. Epub 2007 May 28.

Yu R, et al. ***Exp Ther Med.*** 2016 Dec;12(6):4113-4120.

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

E-mail: tech@probechem.com