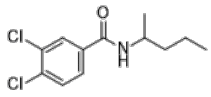
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Data Sheet

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Product Name	:	NSC405020
Cat. No.	:	PC-28744
CAS No.	:	7497-07-6
Molecular Formula	:	$C_{12}H_{15}Cl_2NO$
Molecular Weight	:	260.16
Target	:	Matrix Metalloproteinase (MMP)
Solubility	:	10 mM in DMSO

Biological Activity

NSC405020 (NSC 405020) is a selective matrix metalloproteinase-14 (**MMP14**, **MT1-MMP**) inhibitor, interacts with the hemopexin (PEX) domain of MMP14, represses tumor growth and causes a fibrotic, ΔPEX-like tumor phenotype in vivo.

References

Thang ND, et al. ***PLoS One***. 2014 May 9;9(5):e96945.

Kittaka M, et al. ***J Bone Miner Res***. 2018 Jan;33(1):167-181.

Albert G Remacle, et al. ***Cancer Res***. 2012 May 1;72(9):2339-49.

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

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