

Product Datasheet

NMac1 (orb1738523)

Catalog Number	orb1738523
Category	Small Molecules
Description	NMac1 (cassumunene) is a natural compound derived from Zingiber cassumunar that activates Nm23-H1's NDPK activity, demonstrating anti-metastatic effects in vitro and inhibiting breast cancer metastasis in vivo. This makes it a valuable small molecule for oncology research, particularly in studying metastasis suppression mechanisms.
Target	ROS,mTOR,Others,Ras,ERK,OXPPOS,AMPK
Purity	99.40% (May vary between batches)
MW	380.48
Target Areas	ERK Others OXPPOS Ras ROS AMPK mTOR
CAS Number	1332290-68-2
Formula	C ₂₄ H ₂₈ O ₄
SMILES	<chem>C(=C/C1=CC(OC)=C(OC)C=C1)\C2C(C=CCC2)C3=CC(OC)=C(OC)C=C3</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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