

Product Datasheet

Trilobolide (orb1740305)

Catalog Number	orb1740305
Category	Small Molecules
Description	Trilobolide is a natural product and structural analog of thapsigargin that potently activates cytokine secretion. This activity makes it a valuable research tool for studying calcium signaling, immune cell activation, and inflammatory processes in both cellular and animal models.
Target	Others
MW	522.58
CAS Number	50657-07-3
Formula	C ₂₇ H ₃₈ O ₁₀
SMILES	<chem>O[C@@]12[C@](C=3[C@@]([C@](OC(C)=O)(C)C[C@@H]1OC([C@H](CC)C)=O)(C[C@@H](OC/C(=C\C)/C)=O)C3C)[H])(OC(=O)[C@@]2(C)O)[H]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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