

Product Datasheet

Bruceoside D (orb3023230)

Catalog Number	orb3023230
Category	Small Molecules
Description	Bruceoside D is a quassinoid natural product discovered in <i>Brucea javanica</i> , exhibiting inhibitory activity against HIV replication in the H9 T-lymphoid cell line (IC ₅₀ = 3 μM) and demonstrating potential anticancer activity.
Target	HIV Protease
Purity	99.15%
MW	668.64
CAS Number	167782-22-1
Formula	C ₃₁ H ₄₀ O ₁₆
SMILES	<chem>O=C(OC1C(=O)OC2CC3C(C(=O)C(OC4OC(CO)C(O)C(O)C4O)=CC3(C)C5C(O)C(O)C6(OCC25C16)C(=O)O)C)C=C(C)C</chem>
Storage	-20°C
Note	For research use only

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