

Product Datasheet

Colchicoside (orb1694023)

Catalog Number	orb1694023
Category	Small Molecules
Description	Colchicoside (3-Demethylcolchicine glucoside) is a bioactive compound isolated from <i>Gloriosa superba</i> . It has demonstrated anti-tumor efficacy in a murine model of pancreatic adenocarcinoma, supporting its investigation in cancer research for both in vivo and in vitro experimental applications.
Target	Others,Parasite
Purity	99.73% (May vary between batches)
MW	547.55
Target Areas	Others Parasite
Solubility (25°C)	DMF:27 mg/mL (49.31 mM);DMSO:150 mg/mL (273.95 mM);PBS (pH 7.2):10 mg/mL (18.26 mM)
CAS Number	477-29-2
Formula	C ₂₇ H ₃₃ NO ₁₁
SMILES	<chem>COC1=C(OC)C2=C(CC[C@H])(NC(C)=O)C3=CC(=O)C(OC)=CC=C23)C=C1O[C@@H]1O[C@H](CO)[C@@H](O)[C@H](O)[C@H]1O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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