

Product Datasheet

Ginsenoside Ro (orb1303571)

Catalog Number	orb1303571
Category	Small Molecules
Description	Ginsenoside Ro is a calcium antagonist with antiplatelet activity, inhibiting TXA2 synthesis via weak suppression of COX-1 and TXAS (IC50 = 155 µM). It is utilized in cardiovascular research, particularly in studies of thrombosis, using both in vitro platelet aggregation assays and in vivo models.
Target	Reductase, Calcium Channel, Prostaglandin Receptor
Purity	99.80%
MW	957.11
Target Areas	Prostaglandin Receptor Calcium Channel Reductase
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (2.09 mM);DMSO:45 mg/mL (47.02 mM)
CAS Number	34367-04-9
Formula	C ₄₈ H ₇₆ O ₁₉
SMILES	CC1(C)CC[C@@]2(CC[C@]3(C)C(=CC[C@@H]4[C@@]5(C)CC[C@H](O[C@@H]6O[C@@H]([C@@H](O)[C@H](O)[C@H]6O[C@@H]6O[C@H](CO)[C@@H](O)[C@H](O)[C@H]6O)C(O)=O)C(C)(C)[C@@H]5CC[C@@]34C)[C@@H]2C1)C(=O)O[C@@H]1O[C@H](CO)[C@@H](O)[C@H](O)[C@H]1O
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558