

Product Datasheet

Glucosinalbate (orb1707949)

Catalog Number	orb1707949
Category	Small Molecules
Description	Glucosinalbate is a glucosinolate compound isolated from the model plant <i>Arabidopsis thaliana</i> . It serves as a key biochemical precursor in plant defense research, utilized in both in vitro enzymatic studies and in vivo investigations of herbivore and pathogen resistance mechanisms.
Target	Others
Purity	99.85% (May vary between batches)
MW	423.46
Target Areas	Others
Solubility (25°C)	DMSO:10 mM;10% DMSO+40% PEG300+5% Tween-80+45% Saline:1 mg/mL (2.36 mM)
CAS Number	19253-84-0
Formula	C ₁₅ H ₂₁ NO ₉ S ₂
SMILES	<chem>O[C@@H]1[C@@H](O)[C@@H](CO)O[C@@H](S/C(CC2=CC=C(O)C=C2)=N/CS(O)(=O)=O)[C@@H]1O</chem>
Storage	keep away from moisture,keep away from direct sunlight 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](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+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](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)