

Product Datasheet

Thiocolchicoside (orb1304668)

Catalog Number	orb1304668
Category	Small Molecules
Description	Thiocolchicoside is a synthetic muscle relaxant with analgesic properties that functions as a competitive antagonist at GABAA and glycine receptors. Its potent convulsant activity necessitates caution in seizure research. It is utilized in neuropharmacological studies to investigate receptor mechanisms and muscle relaxation in experimental models.
Target	GABA Receptor
Purity	99.11% (May vary between batches)
MW	563.62
Target Areas	GABA Receptor
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (3.55 mM);H2O:177.4 mM;DMSO:55 mg/mL (97.58 mM)
CAS Number	602-41-5
Formula	C ₂₇ H ₃₃ NO ₁₀ S
SMILES	<chem>COc1c(O[C@@H]2O[C@H](CO)[C@@H](O)[C@H](O)[C@H]2O)cc2CC[C@H](NC(C)=O)c3cc(=O)c(SC)ccc3-c2c1OC</chem>
Storage	-20°C
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 27713-2847
United States

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