

Product Datasheet

Dihydrodaidzein (orb1297395)

Catalog Number	orb1297395
Category	Small Molecules
Description	This product, (±)-Dihydrodaidzein, is a key intermediate in the microbial metabolism of soy isoflavones. Its study is crucial for elucidating the pathways and regulatory mechanisms underlying the bacterial production of equol in gut microbiota, relevant for in vitro fermentation models and metabolic research.
Target	Endogenous Metabolite
Purity	99.30% (May vary between batches)
MW	256.25
Target Areas	Endogenous Metabolite
Solubility (25°C)	DMSO:250 mg/mL (975.61 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (15.61 mM)
CAS Number	17238-05-0
Formula	C ₁₅ H ₁₂ O ₄
SMILES	Oc1ccc(cc1)C1COc2cc(O)ccc2C1=O
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](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)