

Product Datasheet

LY2922470 (orb1308099)

Catalog Number	orb1308099
Category	Small Molecules
Description	LY2922470 is a potent and selective GPR40 agonist, demonstrating EC50 values of 7 nM (human), 1 nM (mouse), and 3 nM (rat). It significantly lowers glucose while increasing insulin and GLP-1 secretion, making it a valuable research tool for studying metabolic diseases in both in vitro and in vivo models.
Target	GPCR
Purity	97.08% (May vary between batches)
MW	475.6
Target Areas	GPCR
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:4 mg/mL (8.41 mM);DMSO:125 mg/mL (262.83 mM)
CAS Number	1423018-12-5
Formula	C ₂₈ H ₂₉ NO ₄ S
SMILES	COc1cccc2CCCN(Cc3ccc(COc4ccc(cc4)[C@H](CC(O)=O)C#CC)s3)c12
Storage	Pure form: -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