

Product Datasheet

COR659 (orb1303954)

Catalog Number	orb1303954
Category	Small Molecules
Description	COR659 is a 2-acylaminothiophene derivative that functions as a GABAB receptor positive allosteric modulator and a cannabinoid CB1 receptor antagonist/inverse agonist. It has been shown to reduce alcohol and chocolate self-administration in rodent models, supporting its use in preclinical research on addiction and reward-related behaviors.
Target	Cannabinoid Receptor,GABA Receptor
Purity	99.56%
MW	337.82
Target Areas	Cannabinoid Receptor GABA Receptor
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.92 mM);DMSO:33.33 mg/mL (98.66 mM)
CAS Number	544450-68-2
Formula	C ₁₆ H ₁₆ ClNO ₃ S
SMILES	CCc1c(C)sc(NC(=O)c2ccc(Cl)cc2)c1C(=O)OC
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)