

Product Datasheet

γ-Aminobutyric acid (orb1310544)

Catalog Number	orb1310544
Category	Small Molecules
Description	γ-Aminobutyric acid (GABA) is the primary inhibitory neurotransmitter in the mammalian central nervous system. It is widely used in neuroscience research to study receptor function, synaptic transmission, and neurological disorders in both in vitro and in vivo experimental models.
Target	GABA Receptor, Endogenous Metabolite
Purity	99.95% (May vary between batches)
MW	103.12
Target Areas	Endogenous Metabolite GABA Receptor
Solubility (25°C)	H2O:100 mg/mL (969.74 mM);DMSO:Insoluble
CAS Number	56-12-2
Formula	C ₄ H ₉ NO ₂
SMILES	NCCCC(O)=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)