N-Isovalerylglycine

PRODUCT OVERVIEW

Product Name	N-Isovalerylglycine, Biochemical
Full Product Name	N-Isovalerylglycine
Product Synonym Names	N-Isovaleroylglycine; Isovaleroylglycine
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	159.18
Suitability	DMSO: 5mg/mL Methanol: 2mg/mL
Target	Other Targets
Receptor	Others
SMILES	CC(C)CC(=O)NCC(O)=O
Molecular Formula	C7H13NO3
CAS Number	16284-60-9
Product Categories/Family for N-Isovalerylglycine biochemical	Others
Related Product Information for N-Isovalerylglycine biochemical	Isovalerylglycine (IVG) is an acyl glycine. Acyl glycines are normally minor metabolites of fatty acids. However the excretion of certain acyl glycines is increased in several inborn errors of metabolism. In certain cases the measurement of these metabolites in body fluids can be used to diagnose disorders associated with mitochondrial fatty acid beta-oxidation.
Product References and Citations for N-Isovalerylglycine biochemical	1.Shigematsu Y et al. Stable-isotope dilution measurement of isovalerylglycine by tandem mass spectrometry in newborn screening for isovaleric acidemia. Clin Chim Acta. 2007 Nov-Dec; 386 (1-2):82-6.
Other Notes	Small volumes of N-Isovalerylglycine biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for N-Isovalerylglycine purchase	MBS3609985 is a biochemical targeting N-Isovalerylglycine.

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MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/biochemical/n-isovalerylglycine/3609985