

Atglistatin Biochemical

Atglistatin

CATALOG #
AAA201906

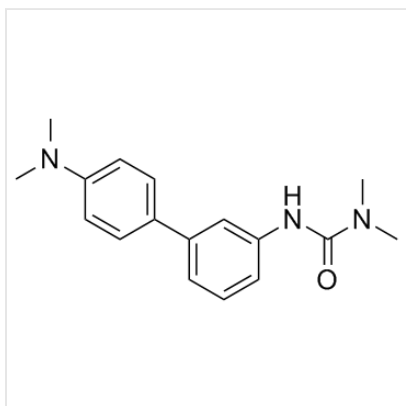
PRODUCT SYNONYMS

Atglistatin; Atglistatin biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Suitability	Ethanol: 4mg/mL (14.11mM) DMSO: 57mg/mL (201.15mM)
Target	Lipase
Receptor	ATGL
Pathway	Metabolic Enzyme/Protease
Chemical Name	3-(4'-(dimethylamino)-[1, 1'-biphenyl]-3-yl)-1, 1-dimethylurea
SMILES	<chem>CN(C1=CC=C(C=C1)C2=CC(NC(N(C)C)=O)=CC=C2)C</chem>
Molecular Formula	C17H21N3O
CAS Number	1469924-27-3
Preparation and Storage	Store at -20°C.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Atglistatin biochemical	Atglistatin is a highly potent, selective and competitive inhibitor of adipose triglyceride lipase (ATGL) with anIC ₅₀ of ~0.7uM for inhibition of lipolysis in vitro, but no toxicity up to a concentration of 50uM.
Product Categories/Family for Atglistatin biochemical	Metabolic Enzyme/Protease ; Metabolic Disease

References

1.Mayer N, et al. Nat Chem Biol. 2013, 9 (12), 785-787.

NCBI AND UNIPROT INFORMATION

Molecular Weight

283.37

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/atglistatin/201906>