



LKT Laboratories, Inc.

Atglistatin

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Product Information

Product ID A7725

CAS No. 1469924-27-3

Chemical Name 3-[4'-(Dimethylamino)-3-biphenyl]-1,1-dimethylurea

Synonym

Formula C₁₇H₂₁N₃O

Formula Wt. 283.38

Melting Point

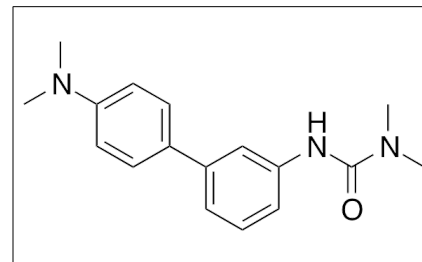
Purity ≥98%

Solubility The solubility of atglistatin in ethanol is approximately 3 mg/ml and approximately 5 mg/ml in DMSO and DMF.

Store Temp -20°C

Ship Temp Ambient

Description Atglistatin is an inhibitor of adipose triglyceride lipase (ATGL) that decreases fatty acid mobilization and prevents lipolysis. Atglistatin also prevents triglyceride accumulation after acute myocardial infarction, displaying cardioprotective benefit.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
A7725	5 mg	\$120.50
A7725	25 mg	\$466.30

References Zhang H, Sun T, Jiang X, et al. PEDF and PEDF-derived peptide 44mer stimulate cardiac triglyceride degradation via ATGL. J Transl Med. 2015 Feb 21;13:68. PMID: 25890298.

Cerk IK, Salzburger B, Boeszoermenyi A, et al. A peptide derived from G0/G1 switch gene 2 acts as noncompetitive inhibitor of adipose triglyceride lipase. J Biol Chem. 2014 Nov 21;289(47):32559-70. PMID: 25258314.

Mayer N, Schweiger M, Romauch M, et al. Development of small-molecule inhibitors targeting adipose triglyceride lipase. Nat Chem Biol. 2013 Dec;9(12):785-7. PMID: 24096302.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.