
Product Data Sheet

Product Name: 4-Azidobutylamine

Cat. No.: GC68207

Chemical Properties

Cas. No. 88192-20-5

Formula C₄H₁₀N₄

M.Wt 114.15

Solubility DMSO : ≥ 250 mg/mL (2190.10 mM)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

4-Azidobutylamine is a PROTAC linker, which refers to the alkyl chain composition. 4-Azidobutylamine can be used in the synthesis of a series of PROTACs. PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins^[1].

[1]. Schiedel M, et al. Chemically Induced Degradation of Sirtuin 2 (Sirt2) by a Proteolysis Targeting Chimera (PROTAC) Based on Sirtuin Rearranging Ligands (SirReals). J Med Chem. 2018 Jan 25;61(2):482-491.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA