
Product Data Sheet

Product Name: Nepsilon-Acetyl-L-lysine

Cat. No.: GC33640

Chemical Properties

Cas. No. 692-04-6

SMILES N[C@@H](CCCCNC(C)=O)C(O)=OFormula $C_8H_{16}N_2O_3$

M.Wt 188.22

Solubility H_2O : 50 mg/mL (265.65 mM; Need ultrasonic); DMSO : < 1 mg/mL (insoluble or slightly soluble)Store
Storage 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**

Nepsilon-Acetyl-L-lysine is an R-chain N-acetylated α amino acid used together with other lysine analogues to differentiate and characterized various aminoacylases and regulator 2 (Sir2) enzymes/sirtuins.

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

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