

Product Data Sheet

Product Name: D-Ribonic acid ammonium

Cat. No.: GC79713

Chemical Properties

Cas. No. 90801-23-3

Formula $C_5H_{13}NO_6$

M.Wt 183.16

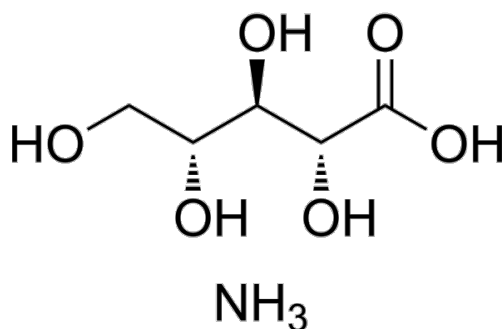
Solubility

Storage Store at 4°C, away from moisture

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

D-Ribonic acid ammonium is a metabolite of D-Ribose. Ribonic acid ammonium is associated with genetic variations in ENOSF1 and NUBPL. Ribonic acid ammonium may participate in the mitochondrial energy production process [1].

In Vitro, Ribonic acid ammonium is associated with genetic variations in ENOSF1 and NUBPL, and may be involved in mitochondrial energy production processes [1].

References:

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

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[1]. Koshiba S, et al. Identification of critical genetic variants associated with metabolic phenotypes of the Japanese population. Commun Biol. 2020;3(1):662. Published 2020 Nov 11.

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