

Product Data Sheet

Product Name: Choline bitartrate

Cat. No.: GC38693

Chemical Properties

Cas. No. 87-67-2

SMILES OCC[N+](C)(C)C.O=C(O)[C@H](O)[C@@H](O)C([O-])=O

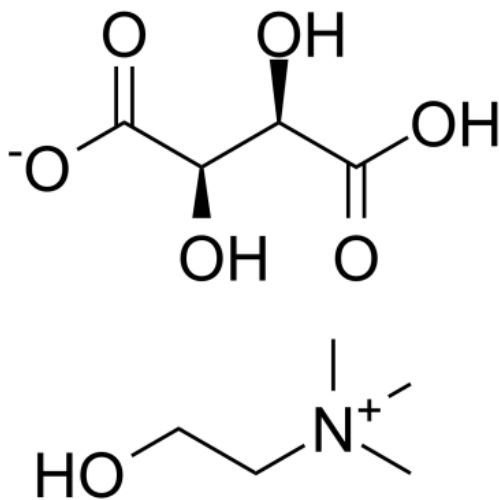
Formula $C_9H_{19}NO_7$ M.Wt 253.25

Solubility Water : 50mg/mL 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

Choline (bitartrate) is an essential nutrient, often associated with the B vitamins but not yet officially defined as a B vitamin[1]. Choline (bitartrate) plays an important role in synthesis of the neurotransmitter acetylcholine[2].

[1]. Hollenbeck CB, et al. An introduction to the nutrition and metabolism of choline. Cent Nerv Syst Agents Med Chem. 2012 Jun;12(2):100-13. [2]. Corbin KD, et al. Choline metabolism provides novel

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

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insights into nonalcoholic fatty liver disease and its progression. Curr Opin Gastroenterol. 2012 Mar;28(2):159-65.

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