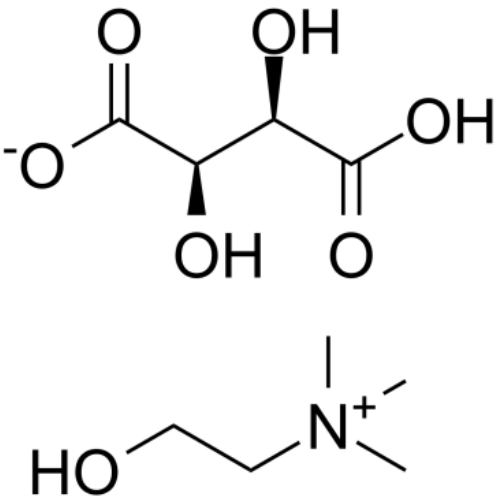
Product Data Sheet

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

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