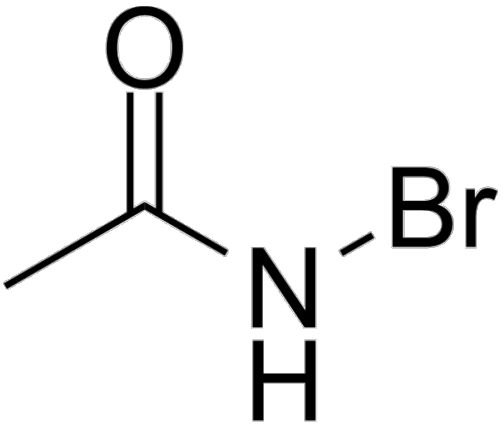
Product Data Sheet

Product Name: N-Bromoacetamide
Cat. No.: GC65231

Chemical Properties

Cas. No.	79-15-2		
Formula	C2H4BrNO	M.Wt	137.96
Solubility	H_2O : 100 mg/mL (724.85 mM; Need ultrasonic)	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

N-Bromoacetamide can irreversibly remove sodium channel inactivation in the cytoplasmic face of the membrane, also decreasing K current rapid inactivation[1][2].

[1]. Matteson DR, et al. Modification of K channel inactivation by papain and N-bromoacetamide. Biophys J. 1988;53(4):641-645.
[2]. Patlak J, et al. Effect of N-bromoacetamide on single sodium channel currents in excised membrane patches. J Gen Physiol. 1982;79(3):333-351.

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

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