

Product Data Sheet

Product Name: N-(2-Hydroxypropyl)methacrylamide

Cat. No.: GC39718

Chemical Properties

Cas. No. 21442-01-3

SMILES C=C(C)C(NCC(O)C)=O

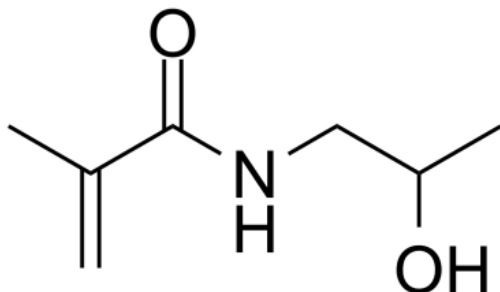
Formula $C_7H_{13}NO_2$ M.Wt 143.18

Solubility DMSO : 100 mg/mL (698.42 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-(2-Hydroxypropyl)methacrylamide is used to synthesize copolymers for the targeted delivery of antileishmanial agents in Visceral leishmaniasis (VL) [1][1].

[1]. Nan A, et al. N-(2-hydroxypropyl)methacrylamide (HPMA) copolymers for targeted delivery of 8-aminoquinoline antileishmanial drugs. J Control Release. 2001 Dec 13;77(3):233-43. [2]. Hao Tang, et al. Comb-like Poly(N-(2-hydroxypropyl) methacrylamide) Doxorubicin Conjugates: The Influence of

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

Product Data Sheet

Polymer Architecture and Composition on the Biological Properties. Chinese Journal of Polymer Science volume 36, pages1225-1238(2018).

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