
Product Data Sheet

Product Name: (2-Aminoethyl)phosphonic acid

Cat. No.: GC38299

Chemical Properties

Cas. No. 2041-14-7

SMILES NCCP(O)(O)=O

Formula C₂H₈NO₃P

M.Wt 125.06

Solubility H₂O : 66.67 mg/mL (533.10 mM; Need ultrasonic); DMSO :
< 1 mg/mL (insoluble or slightly soluble)Store
Storage at -
20°CGeneral 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**

2-Aminoethylphosphonic acid (2-AEP, (2-Aminoethyl)phosphonic acid) is a type of abundant and ubiquitous naturally occurring phosphonate used as sources of phosphorus by many prokaryotic lineages.

[1] Shu Wang, et al. J Chromatogr A. 2018 Oct 12;1571:147-154.

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

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