

Product Data Sheet

Product Name: Carbamoyl-Asp-OH . magnesium salt/Carbamoyl-Asp-OH . dipotassium salt (1:1)
Cat. No.: GA21245

Chemical Properties

Cas. No. 13184-27-5

Formula $C_{10}H_{12}K_2MgN_4O_{10}$ M.Wt 450.73

Solubility H_2O : 35 mg/mL (198.72 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

Substrate for the determination of E.coli dihydroorotase (EC 3.5.2.3.), which catalyzes the cyclization of carbamoyl-Asp-OH into L-5,6-dihydroorotate. This enzyme being in the biosynthetic pathway of pyrimidine nucleotides, is an important therapeutic

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

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