

Product Data Sheet

Product Name: MRS 2179 ammonium

Cat. No.: GC79321

Chemical Properties

Cas. No.

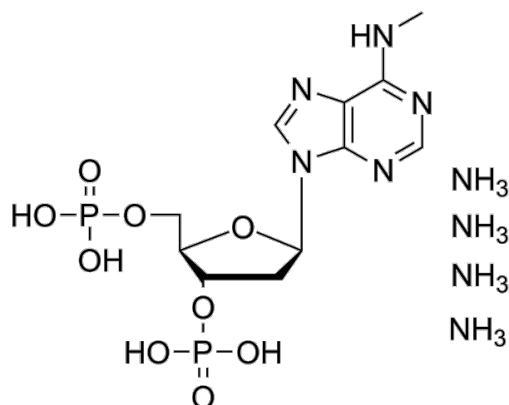
Formula $C_{11}H_{29}N_9O_9P_2$ M.Wt 493.35

Solubility H_2O : 62.5 mg/mL (126.68 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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



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

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Background

MRS 2179 ammonium is a selective and competitive antagonist for P2Y1 receptor, with K_B of 0.177 μ M [1].

References:

[1]. Moro S, et al., Human P2Y1 receptor: molecular modeling and site-directed mutagenesis as tools to identify agonist and antagonist recognition sites. J Med Chem. 1998 Apr 23;41(9):1456-66.

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