
Product Data Sheet

Product Name: Adenosine 2'(3')-monophosphate (mixed isomers)

Cat. No.: GC40566

Chemical Properties

Cas. No.

SMILES O[C@H]1[C@@H](OP(O)(O)=O)[C@H](N2C=NC3=C2N=CN=C3N)O[C@@H]1CO.O[C@H]4[C@H](N5C=NC6=C5N=CN=C6N)O[C@H](CO)[C@H]4OP(O)(O)=O

Formula $C_{10}H_{14}N_5O_7P$ M.Wt 347.2

Solubility PBS (pH 7.2): 3 mg/ml 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**

Adenosine 2'(3')-monophosphate (mixed isomers) is a mixture of adenosine monophosphate (AMP) derivatives with the phosphate bound at the 2'- or 3'-position as opposed to the 5'-position in AMP. Non-canonical AMP derivatives have been used to study AMP-dependent cellular processes.

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

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