

Product Data Sheet

Product Name: NADPH tetracyclohexanamine

Cat. No.: GC33469

Chemical Properties

Cas. No. 100929-71-3

SMILES NC1=C2C(N([C@H]3[C@H](OP(O)(O)=O)[C@H](O)[C@@H](COP(OP(O)(OC[C@@H]4[C@@H](O)[C@@H](O)[C@H](N5C=C(C(N)=O)CC=C5)O4)=O)(O)=O)O3)C=N2)=NC=N1.NC6CCCCC6.NC7CCCCC7.NC8CCCCC8.NC9CCCCC9

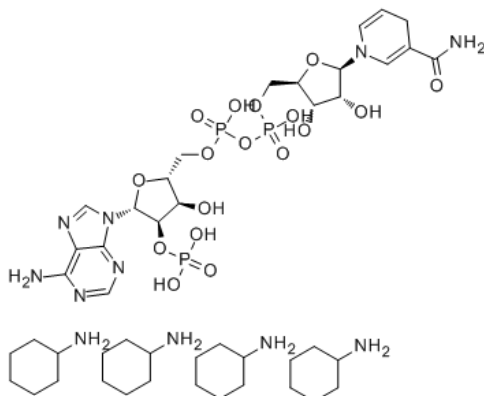
Formula $C_{45}H_{82}N_{11}O_{17}P_3$ M.Wt 1142.12

Solubility Water : ≥ 27 mg/mL (23.64 mM) 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

NADPH tetra cyclohexanamine is a ubiquitous cofactor and biological reducing agent.

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

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