

Citicoline

Catalog No: tcsc0009633



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

987-78-0

Formula:

$C_{14}H_{26}N_4O_{11}P_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

H₂O : ≥ 103.33 mg/mL (211.60 mM)

Alternative Names:

cytidine diphosphate-choline;CDP-Choline;cytidine 5'-diphosphocholine

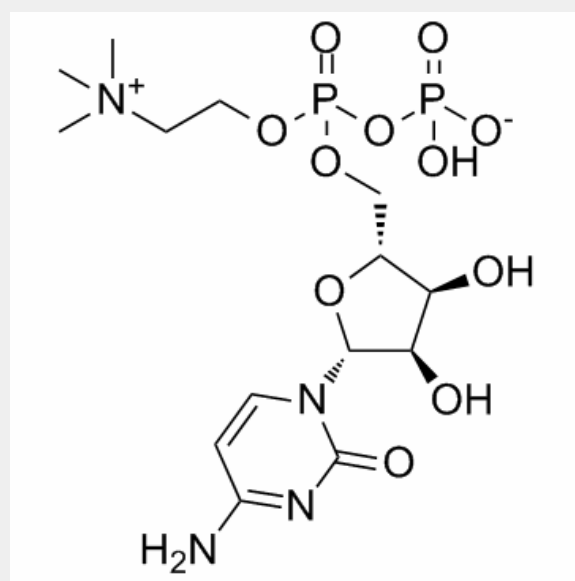
Observed Molecular Weight:

488.32

Product Description

Citicoline is an intermediate in the synthesis of phosphatidylcholine, a component of cell membranes. Citicoline exerts neuroprotective effects.

In Vivo: Administration of Citicoline in a dose of 1000 mg/kg produces more pronounced increase in the threshold of clonic seizures and tonic phase of seizures with lethal outcome (by 18.54 and 50.08% respectively, in comparison with the control). The anticonvulsant effect is most pronounced after injection of Citicoline in a dose of 1000 mg/kg^[2].



Copyright 2021 Taiclone Biotech Corp.