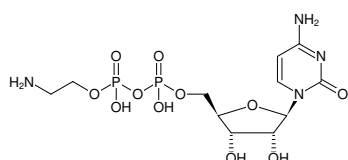




## CDP-ethanolamine

Cytidine-5'-diphosphate ethanolamine, free acid  
Cytidine-5'-diphosphateethanolamine

Cat. No.	Amount
NU-1208-5	5 mg
NU-1208-50	50 mg



Structural formula of CDP-ethanolamine

### For general laboratory use.

**Shipping:** shipped on gel packs

**Storage Conditions:** store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

**Shelf Life:** 12 months after date of delivery

**Molecular Formula:** C<sub>11</sub>H<sub>20</sub>N<sub>4</sub>O<sub>11</sub>P<sub>2</sub> (free acid)

**Molecular Weight:** 446.24 g/mol (free acid)

**Exact Mass:** 446.06 g/mol (free acid)

**CAS#:** 3036-18-8

**Purity:** ≥ 95 % (HPLC)

**Form:** solid

**Color:** white to off-white

**Spectroscopic Properties:** λ<sub>max</sub> 271 nm, ε 8.9 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)

### Selected References:

Martin *et al.* (1993) 31P-NMR analysis of *Entamoeba histolytica*. Occurrence of high amounts of two inositol phosphates. *Eur. J. Biochem.* **214** (3):711.

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Zelinsky *et al.* (1982) Phosphatidylethanolamine biosynthesis in isolated hamster heart. *Can. J. Biochem.* **60** (8):817.

Zelinsky *et al.* (1982) Choline regulates phosphatidylethanolamine biosynthesis in isolated hamster heart. *J. Biol. Chem.* **257** (22):13201.

Brunetti *et al.* (1979) Synthesis of phosphatidylcholine and phosphatidylethanolamine at different ages in the rat brain in vitro. *Lipids.* **14** (11):925.

Call *et al.* (1975) Synthesis of ethanolamine phosphoglycerides by human platelets. *J. Lipid Res.* **16** (5):352.

Roberti *et al.* (1975) Enzymic synthesis of 1-alkyl-2-acyl-sn-glycero-3-phosphorylethanolamine through ethanolaminephosphotransferase activity in the neuronal and glial cells of rabbit in vitro. *Lipids.* **10** (3):121.

Chojnacki *et al.* (1966) Enzymatic synthesis of labelled cytidine-5'-diphosphate ethanolamine. *Nature.* **210** (5039):947.

Kennedy *et al.* (1956) The function of cytidine coenzymes in the biosynthesis of phospholipides. *J. Biol. Chem.* **222** (1):193.