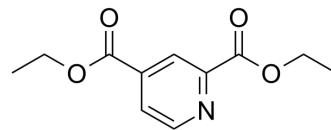


Diethyl pyridine-2,4-dicarboxylate

| | |
|--------------------|--------------------------------------------------------------------------------------------------------|
| Cat. No.: | HY-W025062 |
| CAS No.: | 41438-38-4 |
| Molecular Formula: | C ₁₁ H ₁₃ NO ₄ |
| Molecular Weight: | 223.23 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month |



BIOLOGICAL ACTIVITY

Description

Diethyl pyridine-2,4-dicarb is a potent prolyl 4-hydroxylase-directed proinhibitor. Diethyl pyridine-2,4-dicarb inhibits prolyl hydroxylation and procollagen processing in chick-embryo calvaria^[1].

REFERENCES

[1]. Tschank G, et al. Inhibition of prolyl hydroxylation and procollagen processing in chick-embryo calvaria by a derivative of pyridine-2,4-dicarboxylate. Characterization of the diethyl ester as a proinhibitor. *Biochem J.* 1991 Apr 15;275 (Pt 2)(Pt 2):469-76.

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

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