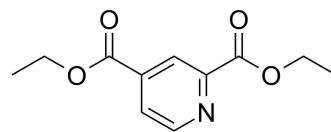


## Diethyl pyridine-2,4-dicarboxylate

Cat. No.:	HY-W025062		
CAS No.:	41438-38-4		
Molecular Formula:	C <sub>11</sub> H <sub>13</sub> NO <sub>4</sub>		
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<sup>[1]</sup>.

### 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA