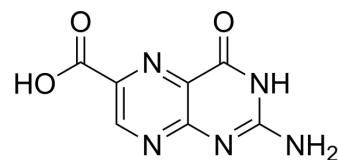


Pterin-6-carboxylic acid

Cat. No.:	HY-W037823
CAS No.:	948-60-7
Molecular Formula:	C ₇ H ₅ N ₅ O ₃
Molecular Weight:	207.15
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Pterin-6-carboxylic acid serves as a precursor for the formation of folate, which plays a critical role in cell growth, development, and repair. Pterine-6-carboxylic acid has been studied for its potential as a fluorescent dye^{[1][2]}.

REFERENCES

- [1]. Oluwasegun Modupe, et al. A spectrophotometric method for determining the amount of folic acid in fortified salt. *J Agric Food Res.* 2020 Dec;2:100060.
- [2]. Bo-Tao Zhang, et al. Determination of folic acid by chemiluminescence based on peroxomonosulfate-cobalt(II) system. *Talanta.* 2008 Feb 15;74(5):1154-9.

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

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