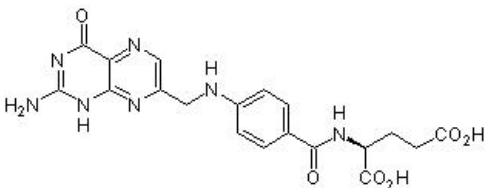


Product datasheet

Folic acid (Folate), Synthetic vitamin B₉ ab143621

1 Image

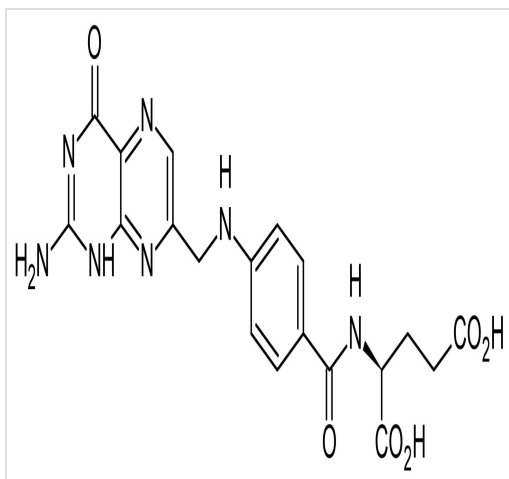
Overview

Product name	Folic acid (Folate), Synthetic vitamin B ₉
Description	Synthetic vitamin B ₉ . Tetrahydrofolate precursor.
Biological description	Synthetic vitamin B ₉ . Tetrahydrofolate precursor. Promotes DNA synthesis and cell division. Shows anti-inflammatory and chemopreventive effects <i>in vivo</i> . Orally active.
Purity	> 96%
CAS Number	59-30-3
Chemical structure	

Properties

Chemical name	(2S)-2-[[4-[(2-Amino-4-oxo-1H-pteridin-6-yl)methylamino]benzoyl]amino]pentanedioic acid
Molecular weight	441.40
Molecular formula	C ₁₉ H ₁₉ N ₇ O ₆
PubChem identifier	6037
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in 1 N NaOH to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	C1=CC(=CC=C1C(=O)NC(CCC(=O)O)C(=O)O)NCC2=CN=C3C(=N2)C(=O)N=C(N3)N
Source	Synthetic

Images



2D chemical structure image of ab143621, Folic acid (Folate),
Synthetic vitamin B9

Chemical Structure - Folic acid (Folate), Synthetic
vitamin B₉ (ab143621)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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Terms and conditions

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