

(6R)-Tetrahydro-L-biopterin Sulfate

Cat. No. COEC-074

Lot. No. (See product label)

Introduction

Description (6R)-Tetrahydro-L-biopterin Sulfate is a natural cofactor for tyrosine hydroxylase, phenylalanine hydroxylase, tryptophan hydroxylase, and nitric oxide synthase. It is also an essential cofactor in the the production of neurotransmitters such as catecholamines, serotonin, and nitric oxide.

Applications An essential cofactor in the the production of neurotransmitters

Product Information

Form	Solid
CAS No.	103130-44-5
Molecular Formula	C ₉ H ₁₅ N ₅ O ₃ •H ₂ O ₄ S
Molecular Weight	339.33
Melting Point	>220° C (dec.)
Solubility	Soluble in Water
Density	~1.9 g/cm ³ (Predicted)