

(6R)-Tetrahydro-L-biopterin-d3 Sulfate(Mixture of Diastereomers)

Cat. No. COEC-090

Lot. No. (See product label)

Introduction

Description (6R)-Tetrahydro-L-biopterin-d3 Sulfate(Mixture of Diastereomers) is the labeled R-enantiomer of Tetrahydro-L-biopterin. It is a natural cofactor for phenylalanine hydroxylase, tryptophan hydroxylase, tyrosine hydroxylase, and nitric oxide synthase. An essential cofactor for the production of neurotransmitters such as catecholamines, serotonin, and nitric oxide. Increasing BH4 levels boosts sensitivity to pain.

Applications a natural cofactor for phenylalanine hydroxylase

Product Information

CAS No. 103130-44-5 (unlabeled)

Molecular Formula C₉H₁₂D₃N₅O₃.H₂O₄S

Molecular Weight 342.34