

6,7-Dimethyl-5,6,7,8-tetrahydropterine hydrochloride

Cat. No. COEC-094

Lot. No. (See product label)

Introduction

Description 6,7-Dimethyl-5,6,7,8-tetrahydropterine hydrochloride is a synthetic reduced pterin cofactor for nitric oxide synthetase, and for phenylalanine, tyrosine, and tryptophan hydroxylases; less active than the natural cofactor, tetrahydrobiopterin (BH4).

Applications A synthetic reduced pterin cofactor

Synonyms DMPH4; 2-Amino-6,7-dimethyl-4-hydroxy-5,6,7,8-tetrahydropteridine

Product Information

Appearance Powder

Form Solid

CAS No. 945-43-7

Molecular Formula C₈H₁₃N₅O•HCl

Molecular Weight 231.68

Purity ≥95%

Melting Point 244-247° C

Solubility Soluble in Oxygen free water with heat added (50 mg/ml).