Creative Enzymes®

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).