

7,8-Dihydro-L-biopterin

Cat. No. COEC-066

Lot. No. (See product label)

Introduction

Description 7,8-dihydro-L-Biopterin is a precursor of BH4 synthesis and a noncompetitive inhibitor of GCH-I (GTP cyclohydrolase I), with a K_i of 14.4 μM .

Applications A precursor of BH4 synthesis

Synonyms BH2; Dihydrobiopterin; Quinonoid dihydrobiopterin

Product Information

Appearance Powder

Form Solid

CAS No. 6779-87-9

Molecular Formula C₉H₁₃N₅O₃

Molecular Weight 239.23

Purity $\geq 98\%$

Solubility Slightly soluble in water (2mg/ml, 22°C, ultrasonication)