Creative Enzymes®

L-Sepiapterin

Cat. No. COEC-065

Lot. No. (See product label)

Introduction

Description	L-Sepiapterin is a key intermediate in the pterin salvage pathway of tetrahydrobiopterin biosynthesis. L-Sepiapterin is an inhibitor of GCH-I.
Applications	An intermediate in the pterin salvage pathway
Synonyms	2-Amino-6-(S)-lactoyl-7,8-dihydro-4(3H)-pteridinone

Product Information

Appearance	Powder
Form	Solid
CAS No.	17094-01-8
Molecular Formula	C9H11N5O3
Molecular Weight	237.21
Purity	≥98%
Melting Point	>275° C
Boiling Point	448.1° C at 760 mmHg
Solubility	Soluble in DMSO (27 mg/ml), water (1.7 mg/ml at 22° C), 0.1 M NaOH (9.8 mg/ml), ethanol (~1.6 mg/ml), and DMF (33 mg/ml).