

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).