

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).