

## 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** C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O<sub>3</sub>

**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).