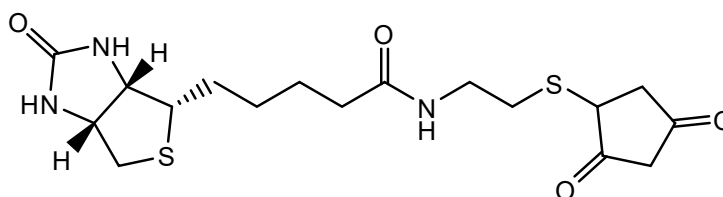


Certificate of Analysis

Catalogue ID: BP001-2
Product Name: BP1 (or Biotin 1,3 cyclopentanedione)
CAS: 1332460-36-2
IUPAC Name: N-(2-((2,4-dioxocyclopentyl)thio)ethyl)-5-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanamide

Structure:



Molecular Formula: C₁₇H₂₅N₃O₄S₂

Molecular Weight 399.52

Appearance: white solid

Analytical Test for Purity: NMR

Purity: >95%

TLC:

¹H NMR: Confirms chemical structure

Mass Spec: Confirms chemical structure

Melting Point:

Storage Conditions: -20 C

Solubility Data:	Solvent	Solubility (mM)	Solubility (mg/ml)
	DMSO	100 mM	40 mg/ml

Analytical data provided upon request

For research purposes only