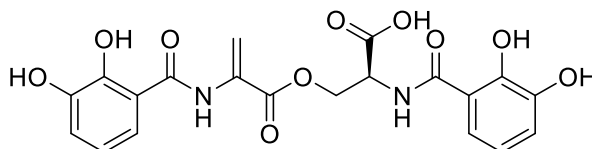


N,N'-bis(2,3-Dihydroxybenzoyl)-O-L-seryl-L-dehydroalanine

Code No.: **BIA-D2283**

Pack sizes: **0.1 mg, 0.5 mg**



Synonyms :

Specifications

CAS #	: 73410-35-2
Molecular Formula	: C₂₀H₁₈N₂O₁₀
Molecular Weight	: 446.4
Source	: <i>Streptomyces</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

N,N'-bis(2,3-Dihydroxybenzoyl)-O-L-seryl-L-dehydroalanine is a minor analogue of enterobactin formed by ring opening and cleavage of a N,N'-bis(2,3-Dihydroxybenzoyl)-L-serine followed by the dehydration of the final serine to a dehydroalanine. Typically N,N'-bis(2,3-Dihydroxybenzoyl)-O-L-seryl-L-dehydroalanine is formed as part of an enterobactin complex observed in *Streptomyces* strains. N,N'-bis(2,3-Dihydroxybenzoyl)-O-L-seryl-L-dehydroalanine and the other ring opened hydrolysis products have received little attention as siderophores.

References

1.