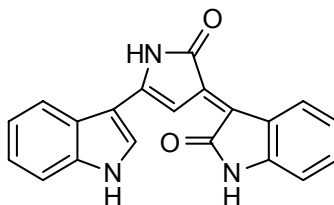


Deoxyviolacein

Code: **BIA-D1328**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : -

Specifications

CAS #	: 5839-61-2
Molecular Formula	: C ₂₀ H ₁₃ N ₃ O ₂
Molecular Weight	: 327.3
Source	: <i>Chromobacterium violaceum</i>
Appearance	: Violet blue solid
Purity	: >99%
Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Deoxyviolacein is a minor, more hydrophobic co-metabolite of violacein. While its presence has been long recognised in “purified” violacein, separation of the deoxyviolacein has not been undertaken. Lack of availability has restricted a more extensive investigation of deoxyviolacein.

References

1. Pseudodeoxyviolacein, a new red pigment produced by the tryptophan metabolism of *Chromobacterium violaceum*. Hoshono T. *et al.* Biosci. Biotech. Biochem. **1994**, 58, 279.