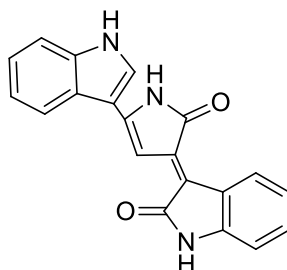


Deoxyviolacein

Code No.: **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	: >95% by HPLC
Long Term 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 deoxyviolacein has not been undertaken. Lack of availability has restricted 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.