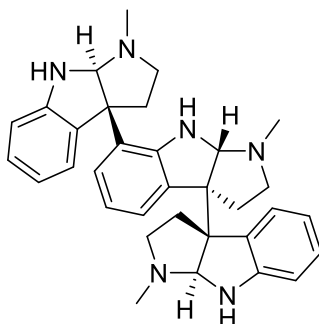


Hodgkinsine B

Code No.: **BIA-H1941**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	: 586955-76-2
Molecular Formula	: C ₃₃ H ₃₈ N ₆
Molecular Weight	: 518.7
Source	: <i>Hodgkinsonia frutescens</i>
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

The hodgkinsines are indole alkaloids from *Hodgkinsonia frutescens* (family Rubiaceae) containing three linked tryptamine units. Hodgkinsine B is the enantiomer of hodgkinsine. There is scant information on the biological activity of hodgkinsine B due to lack of availability of the pure metabolite, however its analogue hodgkinsine has a broad bioprofile.

References

1. Enantioselective total syntheses of the cyclotryptamine alkaloids hodgkinsine and hodgkinsine B. Kodanko J.J. and Overman L.E. *Angewandte Chemie* 2003, 42, 2528.
2. Biological activities of pyrrolidinoindoline alkaloids from *Calycodendron milnei*. Saad H.E. et al. *Planta Med.* 1995, 61, 313.