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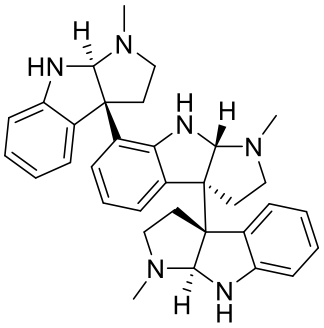
PRODUCT DATA SHEET

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	:	***Hodgkinsonia frutescens***
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.

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