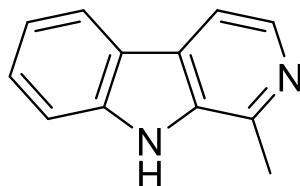


Harmane

Code No.: **BIA-H3067**

Pack sizes: **5 mg, 25 mg**



Synonyms : Aribin, Aribine, Harman, Indoter, Locuturin, Lcuturine, NSC 54439, Zygofabagine

Specifications

CAS #	: 486-84-0
Molecular Formula	: C ₁₂ H ₁₀ N ₂
Molecular Weight	: 182.2
Source	: <i>Passiflora</i> sp.
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol and DMSO.

Application Notes

Harmane is a widely studied β -carboline alkaloid that occurs in many plants, first reported from seeds of the Syrian rue, *Peganum harmala* by Goebel in 1841. Harmane acts as a potent and selective monoamine oxidase inhibitor. Harmane has a wide range of bioactivities and is notably neuroactive, causing tremors when consumed by animals. Harmane is present in tobacco smoke.

References

1. Moloudizargari M. et al. (2013). Pharmacological and therapeutic effects of *Peganum harmala* and its main alkaloids. *Pharmacogn. Rev.*, 7, 199.
2. Siddiqui S. et al. (1987). Harmalidine, a β -carboline alkaloid from *Peganum harmala*. *Phytochem.*, 26, 1548.

For in vitro laboratory use only. Not for human or animal use.