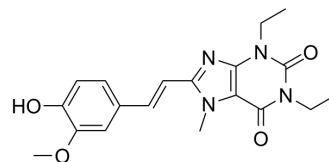


4-Desmethyl Istradefylline

| | |
|---------------------------|---|
| Cat. No.: | HY-135387 |
| CAS No.: | 160434-48-0 |
| Molecular Formula: | C ₁₉ H ₂₂ N ₄ O ₄ |
| Molecular Weight: | 370.4 |
| Target: | Drug Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

4-Desmethyl Istradefylline is a metabolite of Istradefylline. 4-Istradefylline is a very potent, selective and orally active adenosine A_{2A} receptor antagonist with K_i of 2.2 nM in experimental models of Parkinson's disease^[1].

REFERENCES

[1]. Chen JF, et al. Neuroprotection by caffeine and A(2A) adenosine receptor inactivation in a model of Parkinson's disease. J Neurosci. 2001 May 15;21(10):RC143.

Caution: Product has not been fully validated for medical applications. For research use only.

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