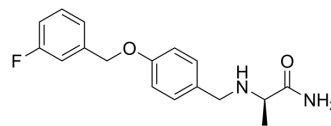


(R)-Safinamide

| | |
|--------------------|---|
| Cat. No.: | HY-14203 |
| CAS No.: | 174756-44-6 |
| Molecular Formula: | C ₁₇ H ₁₉ FN ₂ O ₂ |
| Molecular Weight: | 302.34 |
| Target: | Monoamine Oxidase |
| Pathway: | Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | (R)-Safinamide, the enantiomer of safinamide (HY-70057), can inhibit MAO-B with an IC ₅₀ value of 0.45 μM ^[1] . |
| IC ₅₀ & Target | IC ₅₀ : 0.45 μM (MAO-B) ^[1] . |

REFERENCES

[1]. Ledesma A E, et al. A combined theoretical and experimental study on the structure, vibrational, and electronic properties of antiparkinsonian drug safinamide[J]. SN Applied Sciences, 2020, 2(11): 1895.

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

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