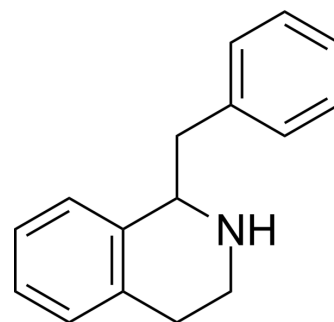


## 1-Benzyl-1,2,3,4-tetrahydro-isoquinoline

Cat. No.:	HY-W029659
CAS No.:	19716-56-4
Molecular Formula:	C <sub>16</sub> H <sub>17</sub> N
Molecular Weight:	223
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	1-Benzyl-1,2,3,4-tetrahydro-isoquinoline is an endogenous metabolite present in Cerebrospinal_Fluid that can be used for the research of Parkinson's Disease <sup>[1][2]</sup> .
<b>In Vitro</b>	Endogenous metabolites is defined as those that are annotated by Kyoto Encyclopedia of Genes and Genomes as substrates or products of the ~1900 metabolic enzymes encoded in our genome. It is clear in the body of literature that there are documented toxic properties for many of these metabolites <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Kotake Y, et al. 1-Benzyl-1,2,3,4-tetrahydroisoquinoline as a parkinsonism-inducing agent: a novel endogenous amine in mouse brain and parkinsonian CSF. *J Neurochem.* 1995 Dec;65(6):2633-8.
- [2]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. *Oncogene.* 2020 Aug;39(35):5709-5720.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA