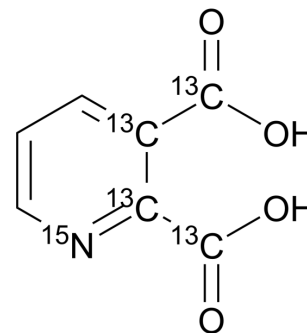


## Quinolinic acid-<sup>13</sup>C<sub>4</sub>, <sup>15</sup>N

Cat. No.:	HY-100807S2
Molecular Formula:	C <sub>3</sub> <sup>13</sup> C <sub>4</sub> H <sub>5</sub> <sup>15</sup> N <sub>1</sub> O <sub>4</sub>
Molecular Weight:	172.08
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Quinolinic acid-13C<sub>4</sub>, 15N is an isotopic labeled Quinolinic acid (HY-100807). Quinolinic acid is an endogenous N-methyl-D-aspartate (NMDA) receptor agonist and has the potential of mediating NMDA neuronal damage and dysfunction<sup>[1]</sup>.

### REFERENCES

[1]. Heyes MP, et al. Quinolinic acid and kynurenine pathway metabolism in inflammatory and non-inflammatory neurological disease. *Brain*. 1992 Oct;115 ( Pt 5):1249-73.

**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