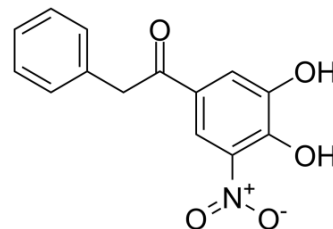


## Nebicapone

Cat. No.:	HY-106405
CAS No.:	274925-86-9
Molecular Formula:	C <sub>14</sub> H <sub>11</sub> NO <sub>5</sub>
Molecular Weight:	273.24
Target:	COMT
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the COA.



### BIOLOGICAL ACTIVITY

#### Description

Nebicapone (BIA 3-202), a reversible **catechol-O-methyltransferase (COMT)** inhibitor, is mainly metabolized by glucuronidation. Nebicapone is mainly peripherally acting inhibitor that decreases the biotransformation of L-DOPA to 3-O-methyl-DOPA by inhibition of COMT, and it is potential for the treatment of Parkinson's disease.<sup>[1]</sup>

### REFERENCES

[1]. Loureiro AI, et al. Human metabolism of nebicapone (BIA 3-202), a novel catechol-o-methyltransferase inhibitor: characterization of in vitro glucuronidation. *Drug Metab Dispos.* 2006 Nov;34(11):1856-62.

**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