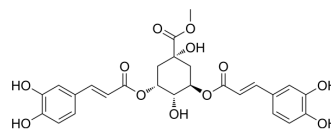


## Macranthoin G

Cat. No.:	HY-N8453
CAS No.:	159934-13-1
Molecular Formula:	C <sub>26</sub> H <sub>26</sub> O <sub>12</sub>
Molecular Weight:	530.48
Target:	p38 MAPK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Macranthoin G is an inhibitor of p38 MAPK. Macranthoin G protects the cytotoxicity induced by A $\beta$  or hydrogen peroxide in neuronal cells by downregulating p38 MAPK. Macranthoin G can be used in the study of Alzheimer's Disease<sup>[1]</sup>.

### REFERENCES

[1]. Lee JK, et al. Recent Advances in the Inhibition of p38 MAPK as a Potential Strategy for the Treatment of Alzheimer's Disease. *Molecules*. 2017 Aug 2;22(8):1287.

**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