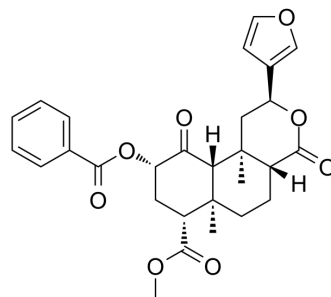


## Herkinorin

Cat. No.:	HY-121415
CAS No.:	862073-77-6
Molecular Formula:	C <sub>28</sub> H <sub>30</sub> O <sub>8</sub>
Molecular Weight:	494.53
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Herkinorin is a potent and selective agonist of  $\mu$  opioid receptor with a  $K_i$  of 45 nM. Herkinorin is widely used for pain research<sup>[1]</sup>.

### REFERENCES

[1]. Lamb K, et al. Antinociceptive effects of herkinorin, a MOP receptor agonist derived from salvinorin A in the formalin test in rats: new concepts in mu opioid receptor pharmacology: from a symposium on new concepts in mu-opioid pharmacology. Drug Alcohol Depend. 2012 Mar 1;121(3):181-8.

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

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