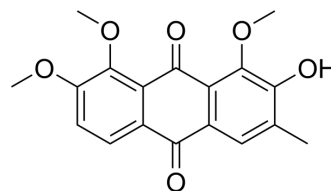


## OAT1/3-IN-2

Cat. No.:	HY-N12008
CAS No.:	2195434-05-8
Molecular Formula:	C <sub>18</sub> H <sub>16</sub> O <sub>6</sub>
Molecular Weight:	328.32
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	OAT1/3-IN-2 (compound 8) is a dual inhibitor of OAT1 and OAT3. OAT1/3-IN-2 can reverse the toxicity of Cys-Hg on HEK-OAT1 cells (10 μM) and has a potential protective effect on the kidneys. OAT1/3-IN-2 can be used to study mercury-induced kidney damage <sup>[1]</sup> .
IC <sub>50</sub> & Target	Organic anion transporter 1 and 3 (OAT1 and OAT3) <sup>[1]</sup>

### REFERENCES

[1]. Wang X, et al. From the Cover: Identification of Natural Products as Inhibitors of Human Organic Anion Transporters (OAT1 and OAT3) and Their Protective Effect on Mercury-Induced Toxicity. *Toxicol Sci.* 2018 Feb 1;161(2):321-334.

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

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