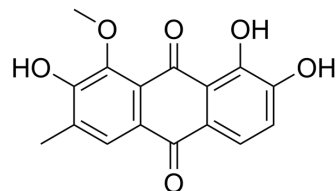


OAT1/3-IN-1

Cat. No.:	HY-N12007
CAS No.:	38393-73-6
Molecular Formula:	C ₁₆ H ₁₂ O ₆
Molecular Weight:	300.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	OAT1/3-IN-1 (compound 7) is a dual inhibitor of OAT1 and OAT3. OAT1/3-IN-1 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-1 can be used to study mercury-induced kidney damage ^[1] .
IC ₅₀ & Target	Organic anion transporter 1 and 3 (OAT1 and OAT3) ^[1]

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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