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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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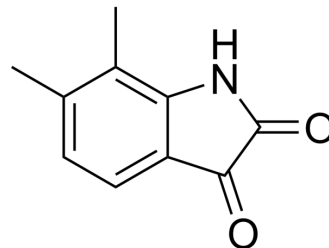
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6,7-Dimethylisatin

Cat. No.:	HY-W029600
CAS No.:	20205-43-0
Molecular Formula:	C ₁₀ H ₉ NO ₂
Molecular Weight:	175.18
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	6,7-Dimethylisatin (compound 11), an Isatin (HY-Y0265) analogue, is a potent MAO inhibitor with IC ₅₀ s of 20.3 μM and 6.74 μM for MAO-A and MAO-B, respectively. 6,7-Dimethylisatin has the potential for depression, Alzheimer's disease and Parkinson's disease research ^[1] .	
IC ₅₀ & Target	MAO-A 20.3 μM (IC ₅₀)	MAO-B 6.74 μM (IC ₅₀)

REFERENCES

[1]. Izak F Prinsloo, et al. The evaluation of isatin analogues as inhibitors of monoamine oxidase. Chem Biol Drug Des. 2023 Nov;102(5):1067-1074.

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

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