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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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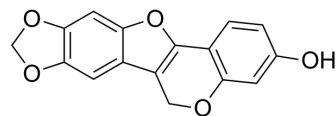
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Dehydromaackiain

Cat. No.:	HY-N1838
CAS No.:	59901-98-3
Molecular Formula:	C ₁₆ H ₁₀ O ₅
Molecular Weight:	282.25
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dehydromaackiain is a potent Neurogenin2 (Ngn2) promoter activator. Dehydromaackiain promotes differentiation of neural stem cells into neurons ^[1] .
IC ₅₀ & Target	Ngn2 ^[1]
In Vitro	Dehydromaackiain (0.5, 1, 2, 5 μM) shows high Ngn2 promoter activities in a dose-dependent manner in neural stem cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Arai MA, et al. Naturally occurring Ngn2 promoter activators from *Butea superba*. *Mol Biosyst.* 2013 Oct;9(10):2489-97.
- [2]. Arai MA, et al. Naturally occurring Ngn2 promoter activators from *Butea superba*. *Mol Biosyst.* 2013 Oct;9(10):2489-97.

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

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