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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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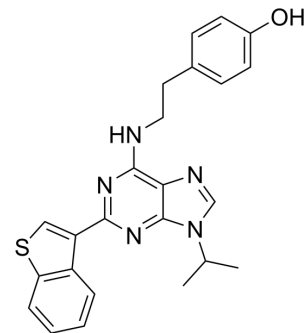
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Stemregenin 1 (GMP)

Cat. No.:	HY-15001G
CAS No.:	1227633-49-9
Molecular Formula:	C ₂₄ H ₂₃ N ₅ OS
Molecular Weight:	429.54
Target:	Aryl Hydrocarbon Receptor
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Stemregenin 1 (GMP) (SR1 (GMP)) is Stemregenin 1 Y-15001) in GMP grade. GMP-grade small molecules can be used as auxiliary reagents in cell therapy. Stemregenin 1 is a potent aryl hydrocarbon receptor (AhR) antagonist with IC ₅₀ of 127 nM.
IC ₅₀ & Target	IC50: 127 nM (AhR) ^[1]

REFERENCES

- [1]. Boitano AE, et al. Aryl hydrocarbon receptor antagonists promote the expansion of human hematopoietic stem cells. *Science*. 2010 Sep 10;329(5997):1345-8.
- [2]. Gao H, et al. Suppression of homeobox transcription factor VentX promotes expansion of human hematopoietic stem/multipotent progenitor cells. *J Biol Chem*. 2012 Aug 24;287(35):29979-87.

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

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