



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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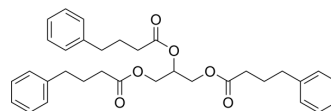
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Glycerol phenylbutyrate (Standard)

Cat. No.:	HY-B2087R
CAS No.:	611168-24-2
Molecular Formula:	C ₃₃ H ₃₈ O ₆
Molecular Weight:	530.65
Target:	Sigma Receptor
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Glycerol phenylbutyrate (Standard) is the analytical standard of Glycerol phenylbutyrate. This product is intended for research and analytical applications. Glycerol phenylbutyrate is a sigma-2 (σ_2) receptor ligand, with a pK_i of 8.02. Glycerol phenylbutyrate (GPB) is a new generation ammonia scavenger agent ^{[1][2]} .
IC ₅₀ & Target	σ_2 receptor ^[1] .

REFERENCES

- [1]. Rescifina A, et al. Development of a Sigma-2 Receptor affinity filter through a Monte Carlo based QSAR analysis. *Eur J Pharm Sci.* 2017 Aug 30;106:94-101.
- [2]. Oishi K, et al. Glycerol phenylbutyrate for the chronic management of urea cycle disorders. *Expert Rev Endocrinol Metab.* 2014 Sep;9(5):427-434.

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

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