



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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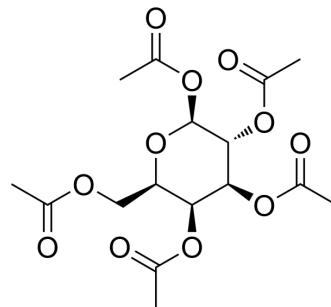
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β-D-Galactose pentaacetate

Cat. No.:	HY-W039923
CAS No.:	4163-60-4
Molecular Formula:	C ₁₆ H ₂₂ O ₁₁
Molecular Weight:	390.34
Target:	Insulin Receptor
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	4°C, stored under nitrogen, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen, away from moisture)



BIOLOGICAL ACTIVITY

Description

β-D-Galactose pentaacetate is a negative regulator of insulin with plasma membrane penetrating ability and can be hydrolyzed by intracellular esterases. β-D-Galactose pentaacetate inhibits leucine-induced insulin release in Wistar rat islets, potentially preventing excessive insulin release in pathological conditions^[1].

REFERENCES

[1]. Malaisse WJ, et al. Inhibition of insulin release by alpha- and beta-D-galactose pentaacetate. *Int J Mol Med.* 1998 Sep;2(3):331-2.

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

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