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Produktinformation



Forschungsprodukte & Biochemikalien



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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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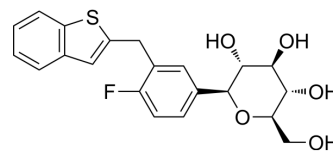
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Ipragliflozin (Standard)

Cat. No.:	HY-14894R
CAS No.:	761423-87-4
Molecular Formula:	C ₂₁ H ₂₁ FO ₅ S
Molecular Weight:	404.45
Target:	SGLT
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ipragliflozin (Standard) is the analytical standard of Ipragliflozin. This product is intended for research and analytical applications. Ipragliflozin (ASP1941) is an orally active and selective SGLT2 inhibitor with IC₅₀s of 7.38 and 1876 nM, 6.73 and 1166 nM, 5.64 and 1380 nM for human SGLT2 and SGLT1, rat SGLT2 and SGLT1, mouse SGLT2 and SGLT1, respectively. Antidiabetic agent^[1].

REFERENCES

- [1]. Atsuo Tahara, et al. Pharmacological profile of ipragliflozin (ASP1941), a novel selective SGLT2 inhibitor, in vitro and in vivo. *Naunyn Schmiedebergs Arch Pharmacol.* 2012 Apr;385(4):423-36.
- [2]. Shiho Komatsu, et al. SGLT2 inhibitor ipragliflozin attenuates breast cancer cell proliferation. *Endocr J.* 2020 Jan 28;67(1):99-106.

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

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