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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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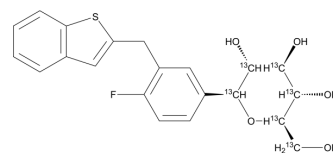
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Pragliflozin-¹³C₆

Cat. No.:	HY-14894S2
CAS No.:	2743031-48-1
Molecular Formula:	C ₁₅ ¹³ C ₆ H ₂₁ FO ₅ S
Molecular Weight:	410.41
Target:	Isotope-Labeled Compounds; SGLT
Pathway:	Others; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pragliflozin-¹³C₆ (ASP1941-¹³C₆) is ¹³C labeled Ipragliflozin. 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][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. 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.
- [3]. 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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