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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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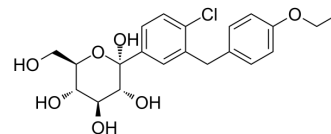
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Dapagliflozin impurity

Cat. No.:	HY-128723
CAS No.:	960404-86-8
Molecular Formula:	C ₂₁ H ₂₅ ClO ₇
Molecular Weight:	424.87
Target:	SGLT
Pathway:	Membrane Transporter/Ion Channel
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (58.84 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.3537 mL	11.7683 mL	23.5366 mL
		5 mM		0.4707 mL	2.3537 mL	4.7073 mL
		10 mM		0.2354 mL	1.1768 mL	2.3537 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.43 mg/mL (3.37 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.43 mg/mL (3.37 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Dapagliflozin impurity is an enantiomer of Dapagliflozin which is a sodium-glucose transporter 2 inhibitor ^[1] .
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REFERENCES

[1]. Kasichayanula S, et al. Lack of pharmacokinetic interaction between dapagliflozin, a novel sodium-glucose transporter 2 inhibitor, and metformin, pioglitazone, glimepiride or sitagliptin in healthy subjects. Diabetes Obes Metab. 2011 Jan;13(1):47-54.

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

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