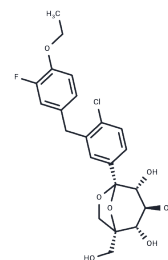


Henagliflozin

Chemical Properties

CAS No. :	1623804-44-3
Formula:	C ₂₂ H ₂₄ ClFO ₇
Molecular Weight:	454.87
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Henagliflozin (SHR3824) is an effective, oral, and selective SGLT2 inhibitor that effectively inhibits human SGLT2 in vitro, but has very weak inhibitory effects on human SGLT1.
Targets(IC50)	Others,SGLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1984 mL	10.9922 mL	21.9843 mL
5 mM	0.4397 mL	2.1984 mL	4.3969 mL
10 mM	0.2198 mL	1.0992 mL	2.1984 mL
50 mM	0.044 mL	0.2198 mL	0.4397 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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- Wang L, Wu C, Shen L, Liu H, Chen Y, Liu F, Wang Y, Yang J. Evaluation of drug-drug interaction between henagliflozin, a novel sodium-glucose co-transporter 2 inhibitor, and metformin in healthy Chinese males. *Xenobiotica.* 2016 Aug;46(8):703-8. doi: 10.3109/00498254.2015.1113576. Epub 2015 Nov 26. PubMed PMID: 26608671.
- Yan PK, Zhang LN, Feng Y, Qu H, Qin L, Zhang LS, Leng Y. SHR3824, a novel selective inhibitor of renal sodium glucose cotransporter 2, exhibits antidiabetic efficacy in rodent models. *Acta Pharmacol Sin.* 2014 May;35(5):613-24. doi: 10.1038/aps.2013.196. PubMed PMID: 24786232; PubMed Central PMCID: PMC4814034.

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