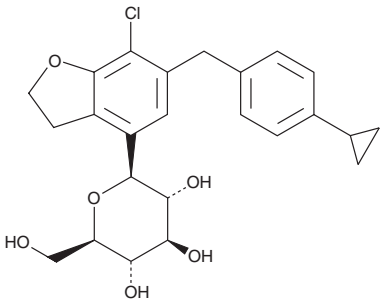
PRODUCT INFORMATION

Enavogliflozin

Item No. 46218

CAS Registry No.:	1415472-28-4
Formal Name:	(1S)-1,5-anhydro-1-C-[7-chloro-6-[(4-cyclopropylphenyl)methyl]-2,3-dihydro-4-benzofuranyl]-D-glucitol
Synonyms:	DWP16001, GCC5694A
MF:	$C_{24}H_{27}ClO_6$
FW:	446.9
Purity:	≥95%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Enavogliflozin is supplied as a solid. A stock solution may be made by dissolving the enavogliflozin in the solvent of choice, which should be purged with an inert gas. Enavogliflozin is sparingly soluble (1-10 mg/ml) in ethanol and DMSO.

Description

Enavogliflozin is an inhibitor of sodium-glucose cotransporter 2 (SGLT2; IC_{50} = 0.46 nM).[1] It is selective for SGLT2 over SGLT1 (IC_{50} = 359 nM). Enavogliflozin increases urinary glucose excretion in rats. It also decreases blood glucose and hemoglobin A1c (HbA1c) levels in rodent models of type 1 and type 2 diabetes at 0.5 mg/kg.

Reference

1. Kong, Y.K., Song, K.S., Jung, M.E., *et al*. Discovery of GCC5694A: A potent and selective sodium glucose co-transporter 2 inhibitor for the treatment of type 2 diabetes. *Bioorg. Med. Chem. Lett*. **56**, 128466 (2021).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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