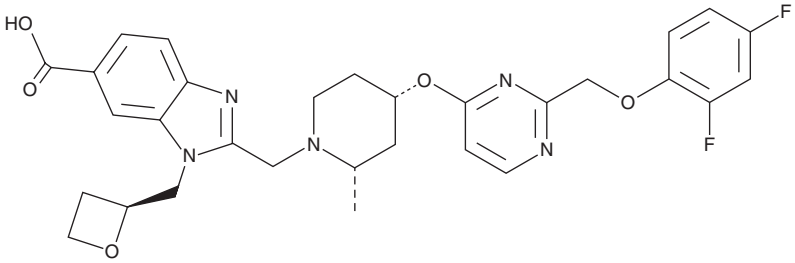
PRODUCT INFORMATION

CT-996

Item No. 46099



CAS Registry No.:	2810808-95-6
Formal Name:	2-[[(2S,4S)-4-[[2-[(2,4-difluoro phenoxy)methyl]-4-pyrimidinyl]oxy]-2-methyl-1-piperidinyl]methyl]-1-[(2S)-2-oxetanylmethyl]-1H-benzimidazole-6-carboxylic acid
Synonyms:	RG-6652, RO7795081, Tifeglipron
MF:	$C_{30}H_{31}F_2N_5O_5$
FW:	579.6
Purity:	≥98%
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

CT-996 is supplied as a solid. A stock solution may be made by dissolving the CT-996 in the solvent of choice, which should be purged with an inert gas. CT-996 is sparingly soluble (1-10 mg/ml) in acetonitrile.

Description

CT-996 is a glucagon-like peptide 1 receptor (GLP-1R) agonist.[1,2] It induces cAMP accumulation in CHO cells expressing human GLP-1R (EC_{50} = ≤50 nM).[1]

References

1. Du, X., Fucini, R., Xu, R., *et al*. GPCR receptor agonists, pharmaceutical compositions comprising the same, and methods for their use. *Carmot Therapeutics, INC.*, **WO2022/165076AI** (2022).
2. Nicze, M., Dec, A., Borówka, M., *et al*. Molecular mechanisms behind obesity and their potential exploitation in current and future therapy. *Int. J. Mol. Sci.* **25(15)**, 8202 (2024).

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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