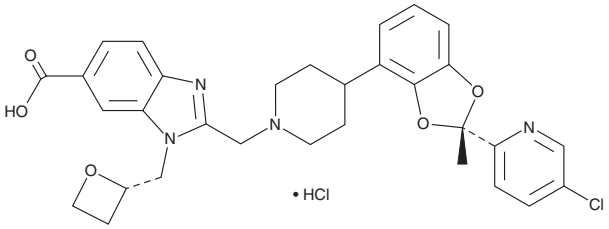
PRODUCT INFORMATION

Lotiglipron (hydrochloride)

Item No. 41227

Formal Name:	2-((4-((S)-2-(5-chloropyridin-2-yl)-2-methylbenzo[d][1,3]dioxol-4-yl) piperidin-1-yl)methyl)-1-(((S)-oxetan-2-yl)methyl)-1H-benzo[d]imidazole-6-carboxylic acid, monohydrochloride
Synonym:	PF-07081532
MF:	$C_{31}H_{31}ClN_4O_5$ • HCl
FW:	611.5
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

Lotiglipron (hydrochloride) is supplied as a solid. A stock solution may be made by dissolving the lotiglipron (hydrochloride) in the solvent of choice, which should be purged with an inert gas. Lotiglipron (hydrochloride) is slightly soluble (0.1-1 mg/ml) in ethanol and DMSO.

Description

Lotiglipron is a glucagon-like peptide 1 receptor (GLP-1R) agonist.[1] It induces cAMP accumulation in cells expressing human GLP-1R (EC_{50} = 0.96 nM).

Reference

1. Bessire, A.J., Edmonds, D.J., Griffith, D.A., *et al.* Metabolites of GLPIR agonists. *Pfizer, Inc.* **US20220213072A1** (2022).

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