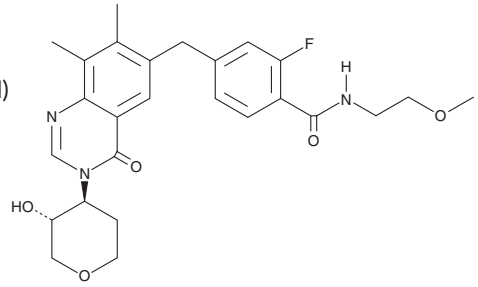
PRODUCT INFORMATION

M_1 mAChR Modulator-1

Item No. 45400

CAS Registry No.: 2247999-07-9
Formal Name: 2-fluoro-4-((3-((3R,4S)-3-hydroxytetrahydro-2H-pyran-4-yl)-7,8-dimethyl-4-oxo-3,4-dihydroquinazolin-6-yl)methyl)-N-(2-methoxyethyl)benzamide
MF: $C_{26}H_{30}FN_3O_5$
FW: 483.5
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

M_1 mAChR modulator-1 is supplied as a solid. A stock solution may be made by dissolving the M_1 mAChR modulator-1 in the solvent of choice, which should be purged with an inert gas. M_1 mAChR modulator-1 is slightly soluble (0.1-1 mg/ml) in acetonitrile and DMSO.

Description

M_1 mAChR modulator-1 is a positive allosteric modulator of M_1 muscarinic acetylcholine receptors.[1] It increases the number of fecal pellets excreted by male mice and rats when administered orally at 1 mg/kg.

Reference

1. Sakai, S., Seto, M., Takami, K., *et al*. Heterocyclic compounds useful as modulators of acetylcholine receptors. *Takeda Pharmaceutical Company Limited*. **WO 2018/194181 A1** (2018).

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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