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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



ECC5004

Item No. 41324

CAS Registry No.: 3011682-51-9

Formal Name: 3-[1-[2-[[[4S]-2-(3-cyclopropyl-4-fluorophenyl)-3-(4-fluoro-1-methyl-1H-indazol-5-yl)-2,3-dihydro-2-oxo-1H-imidazol-1-yl]-2,4,6,7-tetrahydro-4-methyl-5H-pyrazolo[4,3-c]pyridin-5-yl]carbonyl]-7-[(4R)-tetrahydro-2,2-dimethyl-2H-pyran-4-yl]-3-indolizinyl]cyclopropyl]-1,2,4-oxadiazol-5(2H)-one

Synonym:

AZD 5004

MF: C₄₈H₄₆F₂N₁₀O₅

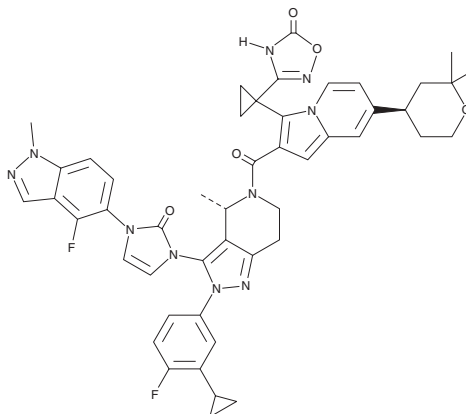
FW: 880.9

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

ECC5004 is supplied as a solid. A stock solution may be made by dissolving the ECC5004 in the solvent of choice, which should be purged with an inert gas. ECC5004 is sparingly soluble (1-10 mg/ml) in DMSO and slightly soluble (0.1-1 mg/ml) in acetonitrile.

Description

ECC5004 is an agonist of glucagon-like peptide 1 receptor (GLP-1R).¹ It induces cAMP accumulation in HEK293 cells expressing human GLP-1R with an EC₅₀ value less than 20 nM.

References

1. Ren, Z., Sun, X., Zhou, J., *et al.* Substituted imidazoles as GLP-1 receptor agonists. *Eccogene (Shanghai) Co., Ltd.* **US 11,584,751 B1** (2023).

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.

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