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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

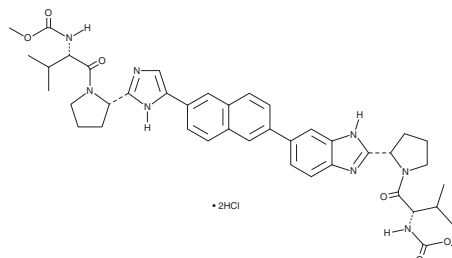
PRODUCT INFORMATION



Ravidasvir (hydrochloride)

Item No. 37794

CAS Registry No.: 1303533-81-4
Formal Name: N-[(1S)-1-[[[(2S)-2-[5-[6-[2-[(2S)-1-[(2S)-2-[(methoxycarbonyl)amino]-3-methyl-1-oxobutyl]-2-pyrrolidinyl]-1H-benzimidazol-6-yl]-2-naphthalenyl]-1H-imidazol-2-yl]-1-pyrrolidinyl]carbonyl]-2-methylpropyl]-carbamic acid, methyl ester, dihydrochloride



Synonym: PPI-668
MF: C₄₂H₅₀N₈O₆ • 2HCl
FW: 835.8
Purity: ≥98%
UV/Vis.: λ_{max}: 267, 321 nm
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

Ravidasvir (hydrochloride) is supplied as a solid. A stock solution may be made by dissolving the ravidasvir (hydrochloride) in the solvent of choice, which should be purged with an inert gas. Ravidasvir (hydrochloride) is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF). The solubility of ravidasvir (hydrochloride) in ethanol is approximately 1 mg/ml and approximately 5 mg/ml in DMSO and DMF.

Description

Ravidasvir is an inhibitor of hepatitis C virus (HCV) non-structural protein 5A (NS5A).¹ It inhibits HCV replication in Huh7 replicon cells containing NS5A from the HCV genotypes 1a, -1b, and 3a with EC₅₀ values of 0.12, 0.01, and 1.14 nM, respectively.

Reference

1. Zhong, M., Peng, E., Huang, N., *et al.* Discovery of ravidasvir (PPI-668) as a potent pan-genotypic HCV NS5A inhibitor. *Bioorg. Med. Chem. Lett.* **26(18)**, 4508-4512 (2016).

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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CAYMAN CHEMICAL

1180 EAST ELLSWORTH RD

ANN ARBOR, MI 48108 · USA

PHONE: [800] 364-9897

[734] 971-3335

FAX: [734] 971-3640

CUSTSERV@CAYMANCHEM.COM

WWW.CAYMANCHEM.COM