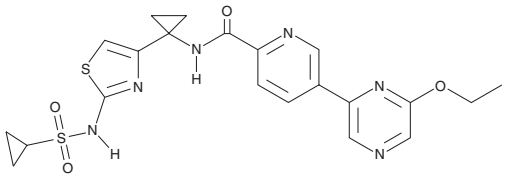
PRODUCT INFORMATION

CTPS1-IN-1

Item No. 46509

CAS Registry No.:	2341943-12-0
Formal Name:	N-[1-[2-[(cyclopropylsulfonyl)amino]-4-thiazolyl]cyclopropyl]-5-(6-ethoxy-2-pyrazinyl)-2-pyridinecarboxamide
Synonyms:	CTPS1 Inhibitor 1, CTP Synthase 1-IN-1, CTP Synthase 1 Inhibitor 1
MF:	$C_{21}H_{22}N_6O_4S_2$
FW:	486.6
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

CTPS1-IN-1 is supplied as a solid. A stock solution may be made by dissolving the CTPS1-IN-1 in the solvent of choice, which should be purged with an inert gas. CTPS1-IN-1 is slightly soluble (0.1-1 mg/ml) in DMSO.

Description

CTPS1-IN-1 is an inhibitor of CTP synthase 1 (CTPS1; IC_{50} = ≤0.1 µM) and a derivative of dencatistat (Item No. 45363).[1] It is >60-fold selective for CTPS1 over CTPS2.

Reference

1. Novak, A., Jones, G., Wriggles-Worth, J., *et al.* Compounds. *Step Pharma S.A.S.* **WO2019/106146A1** (2019).

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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