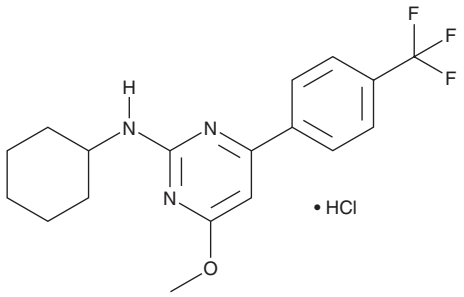
PRODUCT INFORMATION

SSD114 (hydrochloride)

Item No. 46424

CAS Registry No.:	2319790-02-6
Formal Name:	N-cyclohexyl-4-methoxy-6-[4-(trifluoromethyl) phenyl]-2-pyrimidinamine, monohydrochloride
MF:	$C_{18}H_{20}F_3N_3O \bullet HCl$
FW:	387.8
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

SSD114 is supplied as a solid. A stock solution may be made by dissolving the SSD114 in the solvent of choice, which should be purged with an inert gas. SSD114 is soluble (≥10 mg/ml) in ethanol and DMSO.

Description

SSD114 is a positive allosteric modulator of the $GABA_B$ receptor ($GABA_BR$).[1] It potentiates GABA binding to $GABA_B$Rs in isolated rat cortical membranes in a GTPγS assay at 25 µM, an effect that can be blocked by the $GABA_B$R antagonist CGP 54626 (Item No. 20121). SSD114 reduces the latency to baclofen-induced sedation in mice at 10-100 mg/kg and increases the duration of baclofen-induced sedation at 10 and 100 mg/kg.

References

1. Porcu, A., Lobina, C., Giunta, D., *et al*. *In vitro* and *in vivo* pharmacological characterization of SSD114, a novel GABAB positive allosteric modulator. *Eur. J. Pharmacol*. **791**, 115-123 (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.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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