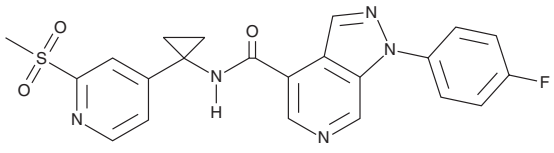
PRODUCT INFORMATION

BI-639667

Item No. 41523

CAS Registry No.: 1295298-26-8
Formal Name: 1-(4-fluorophenyl)-N-[1-[2-(methylsulfonyl)-4-pyridinyl] cyclopropyl]-1H-pyrazolo[3,4-c] pyridine-4-carboxamide
MF: $C_{22}H_{18}FN_5O_3S$
FW: 451.5
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

BI-639667 is supplied as a solid. A stock solution may be made by dissolving the BI-639667 in the solvent of choice, which should be purged with an inert gas. BI-639667 is sparingly soluble (1-10 mg/ml) in DMSO and slightly soluble (0.1-1 mg/ml) in acetonitrile.

Description

BI-639667 is a chemokine (C-C motif) receptor 1 (CCR1) antagonist.[1] It inhibits calcium flux induced by chemokine (C-C motif) ligand 3 (CCL3) in cells expressing CCR1 (IC_{50} = 2 nM). BI-639667 also inhibits RANTES-induced chemotaxis in THP-1 cells (IC_{50} = 2 nM).

Reference

1. Harcken, C., Kuzmich, D., Cook, B., *et al.* Identification of novel azaindazole CCR1 antagonist clinical candidates. *Bioorg. Med. Chem. Lett.* **29(3)**, 441-448 (2019).

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