

PRODUCT INFORMATION



PF-06273340

Item No. 46665

CAS Registry No.: 1402438-74-7

Formal Name: N-[5-[[2-amino-7-(2-hydroxy-1,1-dimethylethyl)-7H-pyrrolo[2,3-d]pyrimidin-5-yl]carbonyl]-3-pyridinyl]-5-chloro-2-pyridineacetamide

MF: C₂₃H₂₂ClN₇O₃

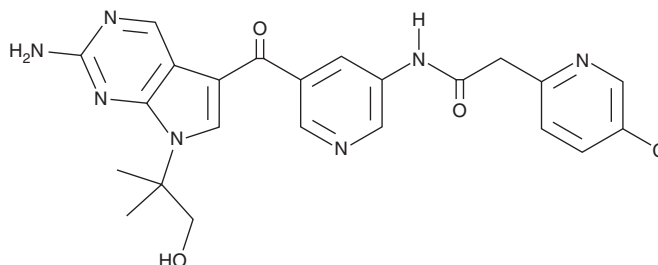
FW: 479.9

Purity: ≥95%

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

PF-06273340 is supplied as a solid. A stock solution may be made by dissolving the PF-06273340 in the solvent of choice, which should be purged with an inert gas. PF-06273340 is sparingly soluble (1-10 mg/ml) in acetonitrile:water (1:1).

Description

PF-06273340 is a tropomyosin related kinase A (TrkA), TrkB, and TrkC inhibitor (IC₅₀s = 6, 4, and 3 nM, respectively).¹ It is selective for TrkA, -B, and -C over a panel of 309 kinases at 1 μM. PF-06273340 (2.5-25 mg/kg, p.o.) decreases paw withdrawal latency in a rat model of UV-induced hyperalgesia.

Reference

- Skerratt, S.E., Andrews, M., Bagal, S.K., *et al.* The discovery of a potent, selective, and peripherally restricted Pan-Trk inhibitor (PF-06273340) for the treatment of pain. *J. Med. Chem.* **59**(22), 10084-10099 (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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