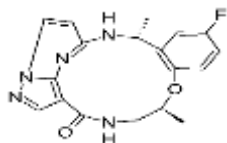


PRODUCT: TPX-0005**ALTERNATE NAMES:** (13E,14E,3R,6S)-45-fluoro-3,6-dimethyl-5-oxa-2,8-diaza-1(5,3)-pyrazolo[1,5-a]pyrimidina-4(1,2)-benzenacyclonaphan-9-one**CATALOG NUMBER:** B2027-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₁₈FN₅O₂**MOLECULAR WEIGHT:** 355.37**CAS NUMBER:** 2058227-19-1**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** TPX-0005 is a potent ALK inhibitor. It inhibits WT ALK (IC₅₀ 1.01 nM) and mutant ALKs including ALK G1202R (IC₅₀ = 1.26 nM) and ALK L1196M (IC₅₀ = 1.08 nM). Moreover, TPX-0005 effectively inhibits tumor growth in vivo in ALK WT and ALK G1202R xenografts. TPX-0005 is also a potent SRC inhibitor (IC₅₀ = 5.3 nM).**REFERENCES:** Zhai, D., *et al.* (2016). *AACR Cancer Research* 76 (14 Suppl.)**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

A 83-01 (1725)
EZSolution™ A 83-01 (1989)
ASP-3026 (B1296)
AZD-3463 (2371)
Brigatinib (AP26113) (9675)
Brigatinib Analog (B2025)
CH5424802 (2867)
Crizotinib (1934)
Ensartinib (B1946)
Entrectinib (B1324)
GSK-1838705A (B2026)
LDK-378 (B1928)
NVP-TAE684 (1683)
PF-06463922 (B1169)
SU-5416 (9491)
TPX-005 (B2027)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**