

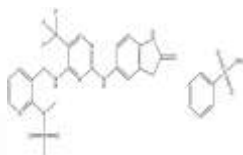
**PRODUCT: PF-562271 besylate**

**ALTERNATE NAME:** N-[3-[[[2-[(2,3-dihydro-2-oxo-1H-indol-5-yl)amino]-5-(trifluoromethyl)-4-pyrimidinyl]amino]methyl]-2-pyridinyl]-N-methyl-methanesulfonamide, monobenzenesulfonate

**CATALOG #:** B1253-5,25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:**  $C_{21}H_{20}F_3N_7O_3S \cdot C_6H_6O_3S$

**MOLECULAR WEIGHT:** 665.66

**CAS NUMBER:** 939791-38-5

**APPEARANCE:** Off-white solid

**SOLUBILITY:** DMSO (>20 mg/ml)

**PURITY:**  $\geq 98\%$  by HPLC

**STORAGE:** Store at  $-20^{\circ}C$ . Protect from air and moisture

**DESCRIPTION:** F-562271 is an ATP-competitive, reversible inhibitor of FAK ( $IC_{50} = 1.5$  nM). It displays 10-fold reduced potency for PYK2 ( $IC_{50} = 14$  nM) and >100-fold selectivity against other protein kinases. PF-562271 inhibits FAK phosphorylation with an  $EC_{50}$  value of 93 ng/ml in glioblastoma-bearing mice and has been shown to regress tumors in multiple xenograft models.

**REFERENCES:** Roberts, W.G., et al. (2008). *Cancer Res.* **68**, 1935-1944.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

GSK2256098 (**B1224**)  
PF-04554878 (**2888**)  
PF-431396 (**2844**)  
PF-573228 (**2819**)  
PF-562271 besylate (**B1253**)  
PND-1186 (**2823**)  
TAE-226 (**9436**)  
Y15 (**B1252**)

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