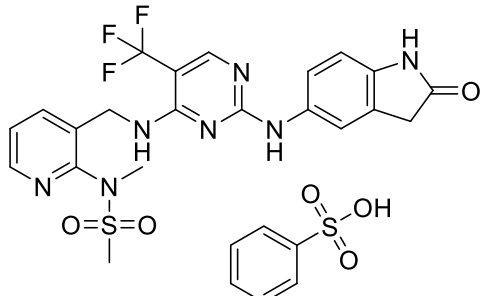




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 202228 | PF-562271 Besylate | BBC50325 |

| Chemical name | |
|---|---|
| N-methyl-N-(3-(((2-((2-oxoindolin-5-yl)amino)-5-(trifluoromethyl)pyrimidin-4-yl)amino)methyl)pyridin-2-yl)methanesulfonamide benzenesulfonate | |
| Synonyms | |
| PF562271; PF562271; PF-562271; PF-00562271; PF00562271; PF 00562271; PF562271 PhSO ₃ H; PF562271 benzenesulfonate salt; PF-271; PF562271 besylate. | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat# 202228 Name: PF-562271 Besylate CAS#939791-38-5 Lot#BBC50325 Chemical Formula: C ₂₇ H ₂₆ F ₃ N ₇ O ₆ S ₂ Molecular Weight: 665.66 <i>PF-562271 (free base)</i> Chemical Formula: C ₂₁ H ₂₀ F ₃ N ₇ O ₃ S Exact Mass: 507.13004, Molecular Weight: 507.49 |

| Analysis item | Specifications / Results |
|--------------------|---|
| Appearance | Off-white, or pale to light pink solid powder |
| Structure | ¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature |
| Purity (HPLC) | > 99% |
| Solubility | Slightly soluble in DMSO, soluble in 5% HCl |
| Conclusion | This product conforms with MedKoo's quality's standards |
| Shipping condition | Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in Customs. |
| Storage condition | Short term storage (weeks): 0 – 4 oC under dry condition Long term storage (months): -20 oC under dry condition |
| Shelf life | At least 5 years if properly stored. |

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE