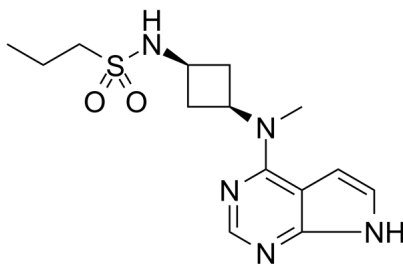


Certificate of Analysis

| | |
|----------------|-------------|
| Catalog Number | BP10688 |
| Product Name | Abrocitinib |

Physical and Chemical Properties

| | |
|--|--|
| Synonyms | PF-04965842 |
| CAS No. | 1622902-68-4 |
| Chemical Formula | C ₁₄ H ₂₁ N ₅ O ₂ S |
| Molecular Weight | 323.42 |
| Solubility | DMSO: 120 mg/mL (371.05 mM), Need ultrasonic |
| Storage | Powder: -20°C for 2 years In solvent: -80°C for 1 year |
| Chemical Structure OR Tested Image |  |

Product Information

| | |
|-------------|--|
| Description | Abrocitinib (PF-04965842) is a potent, specific and orally-active JAK1 inhibitor (IC ₅₀ s: 29/803 nM for JAK1/2). |
|-------------|--|

| | |
|--------------|--|
| Targets&IC50 | JAK2: 803 nM, JAK1: 29 nM, Tyk2: 1253 nM |
|--------------|--|

Analytical Data

| | |
|---------------------------------|--|
| HPLC | Shows Min >99% purity |
| H-NMR | Consistent with structure |
| Stability and Solubility Advice | Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details. |

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