

Product Datasheet

Nilotinib (orb1713722)

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|---------------------------|---|
| Description | BCR-ABL kinase inhibitor |
| Form/Appearance | Crystalline powder |
| Storage | -20°C |
| Note | For research use only |
| Formula | $C_{28}H_{22}F_3N_7O$ |
| Purity | ≥99% |
| Source | Synthetic |
| MW | 529.5 |
| CAS Number | 641571-10-0 |
| Solubility (25°C) | Soluble in DMSO (50 mg/ml), chloroform, DMF (~3 mg/ml), water(very poorly soluble, maximum solubility in plain water is estimated to be about 10-20 μM; buffers, serum, or other additives may increase or decrease the aqueous solubility), and ethanol(very poorly soluble) |
| Hazard Information | Classification: Not a hazardous substance or mixture. Safety Phrases: S22 - Do not breathe dust. S24/25 - Avoid contact with skin and eyes. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. |
| Expiration Date | 12 months from date of receipt. |