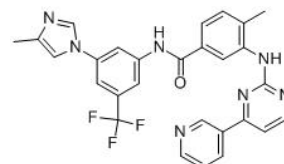


Technical Data Sheet

Nilotinib

Compound Information

Product Name:	Nilotinib
CAS No.:	641571-10-0
Molecular Formula:	C ₂₈ H ₂₂ F ₃ N ₇ O
Molecular Weight:	529.52
Storage:	Powder -20°C 3 years; 4°C 2 years In solvent -80°C 6 months; -20°C 1 month
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	Nilotinib (AMN107) is a small molecule Bcr-Abl kinase inhibitor with IC ₅₀ less than 30 nM.
Form	Beige powder.
Color	Off-white
Solubility	Soluble in DMSO (up to 50 mg/ml)
Purity	99.88%
Related Substances	≤ 1.0%
NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.