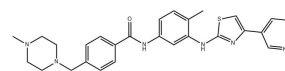


Technical Data Sheet

Masitinib

Compound Information

Product Name:	Masitinib
CAS No.:	790299-79-5
Molecular Formula:	C ₂₈ H ₃₀ N ₆ O ₃
Molecular Weight:	498.64
Storage:	Store at -20°C
Revision Date:	2026-04-27



Analytical Information

Tests	Specifications
Description	Masitinib is a tyrosine kinase inhibitor targeting stem cell factor receptor (c-kit) and platelet-derived growth factor (PDGF) receptor.
IUPAC Name	4-[(4-Methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-thiazolyl]amino]phenyl]benzamide
Form	Solid
Color	Off-White to Pale Beige
Solubility	Chloroform (Slightly), Dichloromethane (Slightly), DMSO (Slightly), Methanol (Slightly)
HPLC	Shows 99.5% purity
Loss on Drying	≤1.0%
Residue on Ignition	≤0.2%
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.