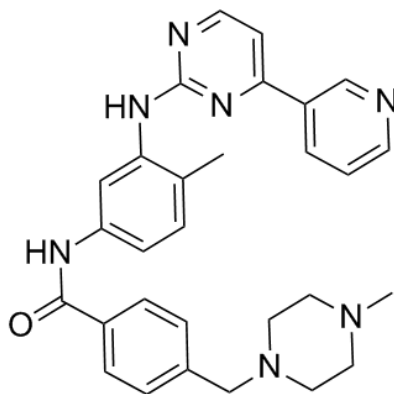


**Product Name** : Imatinib  
**Cat. No.** : PC-44438  
**CAS No.** : 152459-95-5  
**Batch No.** : PC-4443801  
**Chemical Name** : Benzamide, 4-[(4-methyl-1-piperazinyl)methyl]-N-[4-methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]phenyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 493.6028  
**Molecular Formula** : C<sub>29</sub>H<sub>31</sub>N<sub>7</sub>O  
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 6 Months

**Chemical Structure** :



## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: tech@probechem.com