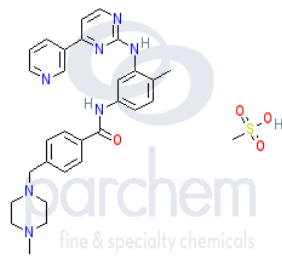


Typical Product Specifications & Properties

Imatinib Mesylate

CAS Number: : 220127-57-1

Specifications	Limits
Molecular weight	589.71
Assay/Purity	Typically NLT 98%
Chemical Structure	 <p>The image displays the chemical structure of Imatinib Mesylate. It features a central pyrimidopyrimidine core. One nitrogen atom in the core is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. Another nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A third nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A fourth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A fifth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A sixth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A seventh nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A eighth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A ninth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A tenth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A eleventh nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A twelfth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A thirteenth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A fourteenth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A fifteenth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A sixteenth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A seventeenth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. An eighteenth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A nineteenth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A twentieth nitrogen atom is substituted with a 4-(4-methylpiperidin-1-yl)phenyl group. A mesylate counterion is also shown, consisting of a sulfur atom double-bonded to two oxygen atoms and single-bonded to two hydroxyl groups.</p>