

## Masitinib (AB1010)

Cat. No. CEI-0066

Lot. No. (See product label)

### Introduction

**Description** Masitinib (AB1010) is a novel phenylaminothiazole-type tyrosine kinase inhibitor which can inhibit PDGFR-alpha, PDGFR-beta, KIT wild type, KIT V559D, KIT delta27(murine) with IC50 of 300 nM, 50 nM, 150 nM, 3 nM and 5 nM.

### Product Information

**CAS No.** 790299-79-5

**Molecular Formula** C28H30N6OS

**Chemical Name** N-(4-methyl-3-(4-(pyridin-3-yl)thiazol-2-ylamino)phenyl)-4-((4-methylpiperazin-1-yl)methyl)benzamide

**Molecular Weight** 498.64

**Purity** >99%

**Targets** PDGFR-alpha, PDGFR-beta, KIT(wild type), KIT(V559D), KIT(delta27)

**Solubility** DMSO 100 mg/mL Water

### Storage and Shipping Information

**Storage** 2 years at -20centigrade Powder