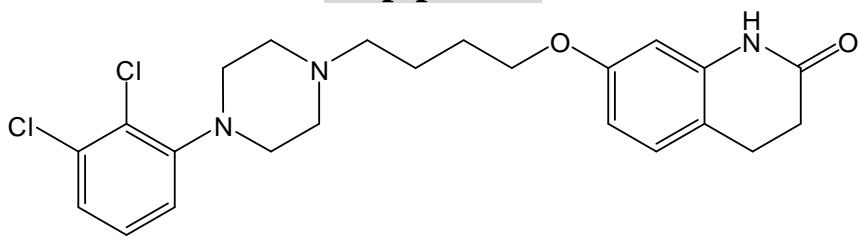


SPECIFICATIONS

Product Name	<p>Aripiprazole</p> 		
CAS No.	129722-12-9		
Molecular Formula	$C_{23}H_{27}ClN_3O_2$	Molecular Weight	448.385
No.	Items	Specifications	
1	Description	White to yellowish crystals or crystalline powder	
2	Solubility	Freely soluble in Chloroform, Benzyl alcohol, soluble in 1,4-Dioxane, sparingly soluble in Acetone, slightly soluble Ethanol or Acetonitrile, insoluble in Hexane.	
3	Identification 1) IR 2) HPLC	It is similar intensities of absorption at the same wave number with that of standard. The retention time of the main peak of sample is same with that of standard.	
4	Heavy metals	Not more than 10 ppm	
5	Loss on drying	Not more than 0.3%	
6	Residue on ignition	Not more than 0.10%	
7	Related substances 1) Impurity 1	Diene : Not more than 0.10% Unspecified impurity : Not more than 0.10% Impurities : Not less than 99.5%	
	2) Impurity 2	Dimer : Not more than 0.10% Unspecified impurity : Not more than 0.10% Impurities : Not less than 99.5%	
8	Assay	98.0 ~ 101.5% (as dried basis)	
9	Residual solvents	ICH guide-line	
10	Crystalline form	It should be 'Type II'	
* Test all items according to In-house specification.			