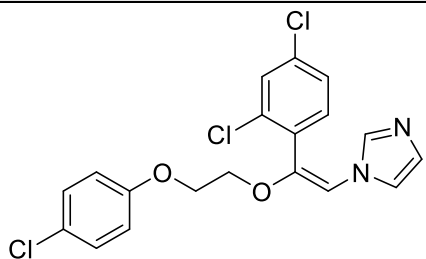


# Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
576915	Democonazole	T21D11P02

Chemical name	
(E)-1-(2-(2-(4-chlorophenoxy)ethoxy)-2-(2,4-dichlorophenyl)vinyl)-1H-imidazole	
Synonyms	
Democonazole	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 576915 Name: Democonazole CAS#: 70161-09-0 Lot#: T21D11P02 Chemical Formula: C <sub>19</sub> H <sub>15</sub> Cl <sub>3</sub> N <sub>2</sub> O <sub>2</sub> Exact Mass: 408.0199 Molecular Weight: 409.69

Analysis item	Specifications / Results
<b>Appearance</b>	Oily liquid
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>98.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 3 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**