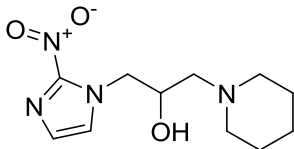




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
206030	Pimonidazole	C7M11C30

<b>Chemical name</b>	
1-(2-nitro-1H-imidazol-1-yl)-3-(piperidin-1-yl)propan-2-ol	
<b>Synonyms</b>	
PD 126675; Ro 038799; PD126675; Ro038799; PD-126675; Ro-038799; Pimonidazole; NSC 380540; NSC-380540; NSC380540.	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 206030 Name: Pimonidazole CAS#: 70132-50-2 Lot#: C7M11C30 Chemical Formula: C <sub>11</sub> H <sub>18</sub> N <sub>4</sub> O <sub>3</sub> Exact Mass: 254.13789 Molecular Weight: 254.29

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	White to off-white solid powder
<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 5 years if properly stored.

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