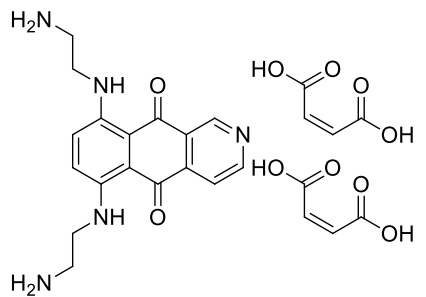




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#</b>
202250	Pixantrone Maleate	TZC40615

<b>Chemical name</b>	
6,9-bis((2-aminoethyl)amino)benzo[g]isoquinoline-5,10-dione dimaleate	
<b>Synonyms</b>	
BBR 2778; BBR2778; BBR-2778; Pixantrone; Pixantrone Maleate.	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#:202250 Name: Pixantrone Maleate CAS#: 144675-97-8 Lot# TZC40615 Chemical Formula: C <sub>25</sub> H <sub>27</sub> N <sub>5</sub> O <sub>10</sub> Molecular Weight: 557.51 <i>Pixantrone (free base)</i> Chemical Formula: C <sub>17</sub> H <sub>19</sub> N <sub>5</sub> O <sub>2</sub> Exact Mass: 325.15387; Molecular Weight: 325.36.

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	Brown to black 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</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**