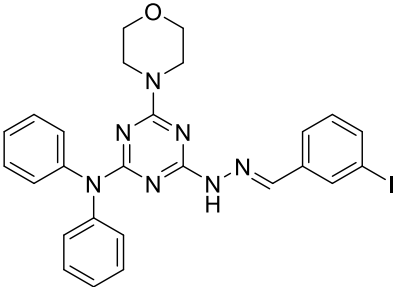




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
562795	Vacuolin-1	C20R11B24

<b>Chemical name</b>	
3-Iodobenzaldehyde [4-(diphenylamino)-6-(4-morpholinyl)-1,3,5-triazin-2-yl]hydrazone	
<b>Synonyms</b>	
Vacuolin-1; Vacuolin 1; Vacuolin1	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 562795 Name: Vacuolin-1 CAS#: 351986-85-1 Lot#: C20R11B24 Chemical Formula: C <sub>26</sub> H <sub>24</sub> IN <sub>7</sub> O Exact Mass: 577.1087 Molecular Weight: 577.43

<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>	>99.0%
<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**