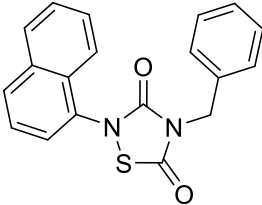




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
522498	Tideglusib	A8T10K08

<b>Chemical name</b>	
2-(1-naphthalenyl)-4-(phenylmethyl)-1,2,4-thiadiazolidine-3,5-dione	
<b>Synonyms</b>	
NP031112; NP 031112; NP-031112; Tideglusib	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 522498 Name: Tideglusib CAS#: 865854-05-3 Lot #: A8T10K08 Chemical Formula: C <sub>19</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> S Exact Mass: 334.0776 Molecular Weight: 334.39

<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%
<b>Solubility</b>	~0.5 mg/ml in 1:1 DMSO:PBS (pH 7.2); ~1 mg/ml in DMSO & DMF
<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**