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## **Certificate of Analysis**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: Mcl-1-Puma inhibitor 8
Cat. No.	: PC-62551
CAS No.	: 678158-55-9
Batch No.	: PC-6255101
Chemical Name	: 5-([1,1'-biphenyl]-4-ylmethylene)-2-(4-(2-hydroxyethyl)piperazin-1-yl)thiazol-4(5H)-one

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 393.505
Molecular Formula	: C <sub>22</sub> H <sub>23</sub> N <sub>3</sub> O <sub>2</sub> S
Storage	: Powder -20°C 12 Months
	4°C 6 Months
	In solvent -80°C 6 Months
	-20°C 1 Month
Chemical Structure	: °
	HOWN

ANALYTICAL DATA	
Appearance	: Solid powder
<sup>1</sup> H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC and/or LCMS)	: >98%
Conclusion	: The product has been tested and complies with the given specifications.
Purity (HPLC and/or LCMS)	: >98%

Caution: Product has not been fully validated for medical applications. Lab Use Only! E-mail: tech@probechem.com