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## **Certificate of Analysis**

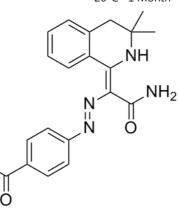
Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: IQ-1
Cat. No.	: PC-42676
CAS No.	: 331001-62-8
Batch No.	: PC-4267601
Chemical Name	: Acetamide, 2-[2-(4-acetylphenyl)diazenyl]-2-(3,4-dihydro-3,3-dimethyl-1(2H)- isoquinolinylidene)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 362.42498	
Molecular Formula	: C <sub>21</sub> H <sub>22</sub> N <sub>4</sub> O <sub>2</sub>	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 1 Month
Chemical Structure	:	/

**Chemical Structure** 



ANALYTICAL DATA		
Appearance	: Sol	lid powder
<sup>1</sup> H NMR Spectrum	: Co	nsistent with
HPLC	: Co	nsistent with
NP	: Co	nsistent with
Purity (HPLC and/or LCMS)	: >9	8%
Conclusion	: Th	e product has been tested and complies with the given specifications.

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