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## **Certificate of Analysis**

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: R-547
Cat. No.	: PC-42067
CAS No.	: 741713-40-6
Batch No.	: PC-4206701
Chemical Name	<ul> <li>Methanone, [4-amino-2-[[1-(methylsulfonyl)-4-piperidinyl]amino]-5-pyrimidinyl](2,3- difluoro-6-methoxyphenyl)-</li> </ul>

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 441.4522	
Molecular Formula	: C <sub>18</sub> H <sub>21</sub> F <sub>2</sub> N <sub>5</sub> O <sub>4</sub> S	
Storage	: Powder	-20°C 3 years
		4°C 2 years
	In solvent	-80°C 6 months
		-20°C 1 month
<b>Chemical Structure</b>	: NH <sub>2</sub>	O F
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	<u>`</u> N´	
	0-8-0	
	O=S=O	
	Ι	

## ANALYTICAL DATA

Appearance	: Solid powder
<sup>1</sup> H NMR Spectrum	: Consistent with
HPLC	: Consistent with
NP	: Consistent with
Purity (HPLC)	: >98%
Conclusion	: The 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