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## **Certificate of Analysis**

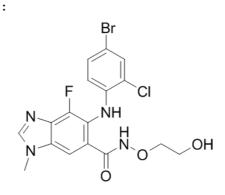
Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	: Selumetinib
Cat. No.	: PC-45849
CAS No.	: 606143-52-6
Batch No.	: PC-4584901
Chemical Name	: 1H-Benzimidazole-6-carboxamide, 5-[(4-bromo-2-chlorophenyl)amino]-4-fluoro-N-(2- hydroxyethoxy)-1-methyl-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 457.6814	
Molecular Formula	: C <sub>17</sub> H <sub>15</sub> BrClFN <sub>4</sub> O <sub>3</sub>	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 6 Months

Chemical Structure



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.

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