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Certificate of Analysis

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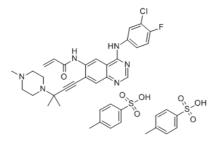
Product Name	: AV-412
Cat. No.	: PC-42545
CAS No.	: 451493-31-5
Batch No.	: PC-4254501
Chemical Name	 2-Propenamide, N-[4-[(3-chloro-4-fluorophenyl)amino]-7-[3-methyl-3-(4-methyl-1-piperazinyl)-1-butyn-1-yl]-6-quinazolinyl]-, 4-methylbenzenesulfonate (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight	: 851.4055	
Molecular Formula	: C ₄₁ H ₄₄ CIFN ₆ O ₇ S ₂	
Storage	: Powder	-20°C 12 Months
		4°C 6 Months
	In solvent	-80°C 6 Months
		-20°C 1 Month

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Chemical Structure



ANALYTICAL DATA	
Appearance	: Solid powder
¹ 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