Certificate of Analysis

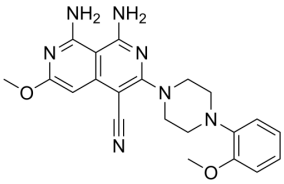
Rac1-IN-3

Cat. No.:	HY-156668
CAS No.:	380470-06-4
Batch No.:	318861
Chemical Name:	2,7-Naphthyridine-4-carbonitrile, 1,8-diamino-6-methoxy-3-[4-(2-methoxyphenyl)-1-piperazinyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{21}H_{23}N_7O_2$		
Molecular Weight:	**405.45**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	Light yellow to yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	**98.28%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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