Certificate of Analysis

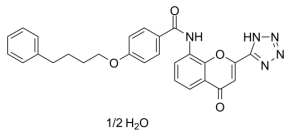
Pranlukast (hemihydrate)

Cat. No.:	HY-B0290A
CAS No.:	150821-03-7
Batch No.:	22422
Chemical Name:	Benzamide, N-[4-oxo-2-(2H-tetrazol-5-yl)-4H-1-benzopyran-8-yl]-4-(4-phenylbutoxy)-, hydrate (2:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{27}H_{23}N_5O_{4\cdot1/2}H_2O$		
Molecular Weight:	490.51		
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:	White to off-white (Solid)
LCMS:	Consistent with structure
Purity (LCMS):	99.93%
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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