Certificate of Analysis

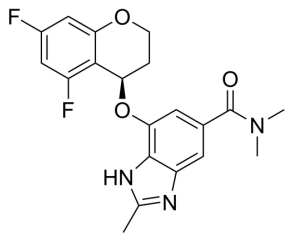
(R)-Tegoprazan

Cat. No.:	HY-17623C
CAS No.:	942195-56-4
Batch No.:	255397
Chemical Name:	1H-Benzimidazole-5-carboxamide, 7-[[(4R)-5,7-difluoro-3,4-dihydro-2H-1-benzopyran-4-yl]oxy]-N,N,2-trimethyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{20}H_{19}F_2N_3O_3$		
Molecular Weight:	**387.38**		
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:	Off-white to light yellow (Solid)
^{1}H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	**98.64%**
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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