

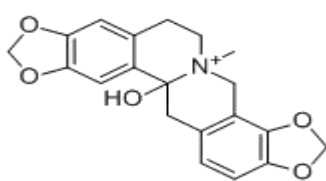
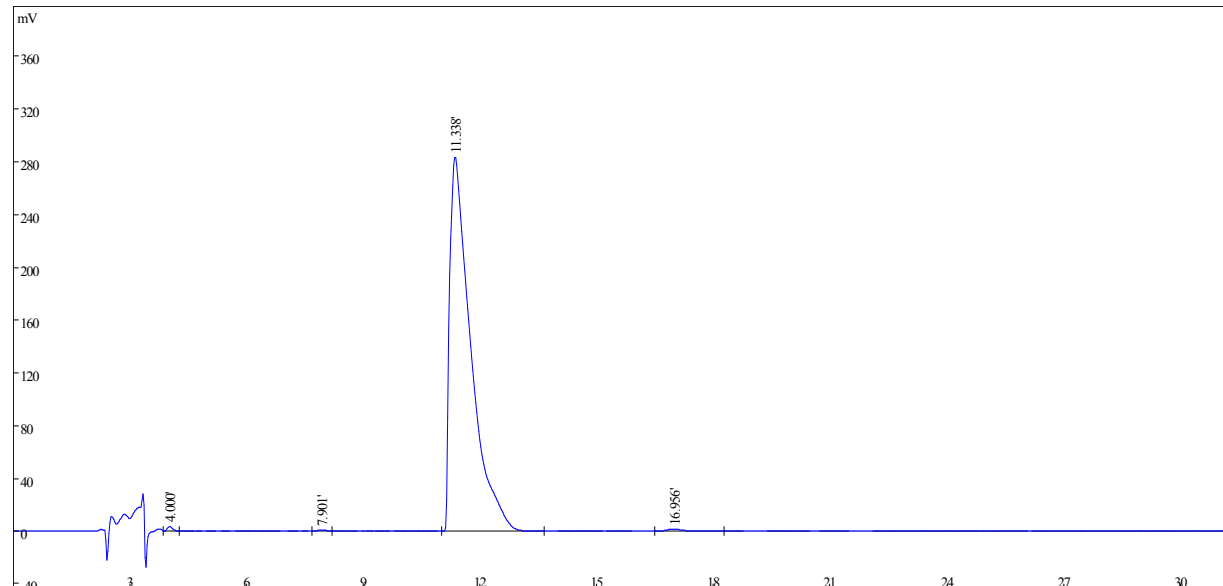


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Chengdu Herbpurify CO., LTD

成都瑞芬思生物科技有限公司

Batch NO: Q-053-161216

Certificate Of Analysis								
Chinese Name	氢化原阿片碱			Botanical Source				
English Name	Hydroprotopine			CAS Number	128397-41-1			
Mol. Formula	C20H20NO5			Mol. Weight	354.39			
Solubility	Methanol			Appearance	White crystalline powder			
Loss on drying	≤2.0%			Purity	99.16%			
QC	HPLC:乙腈：0.1%磷酸水溶液（三乙胺调节 PH=3.5）=22:78 波长 284nm							
Structure								
Hydroprotopine HPLC								
								
Peak#	Ret time[min]	Area%	Area	Height	Resolution	N	Effective plate number	T
1	4.000	0.2628	27197	3131	12.71	4948	1.29	
2	7.901	0.1056	10931	759	5.10	7023	1.32	
3	11.338	99.16	10262930	283167	6.44	2283	3.39	
4	16.956	0.4749	49157	1672	0.00	7761	1.60	
Total	100		10350215	288729				
Storage	Stored without light and heat. Stored in cool, dry , airproof and innocuous conditions							
Remarks	即配即用，仅限于实验时使用，不能用于人体。 如遇质量问题，请于收到产品之日起 15 日内与我们联系。 Namely with the use, only in the experimental use, can not be used for the human body. In case of quality problems, please contact us within 15 days from the date of receipt of the product.							

Review date : 2016-12-16

Report date : 2016-12-16

Operator: Chenli

Q.C manager: Zhengxin