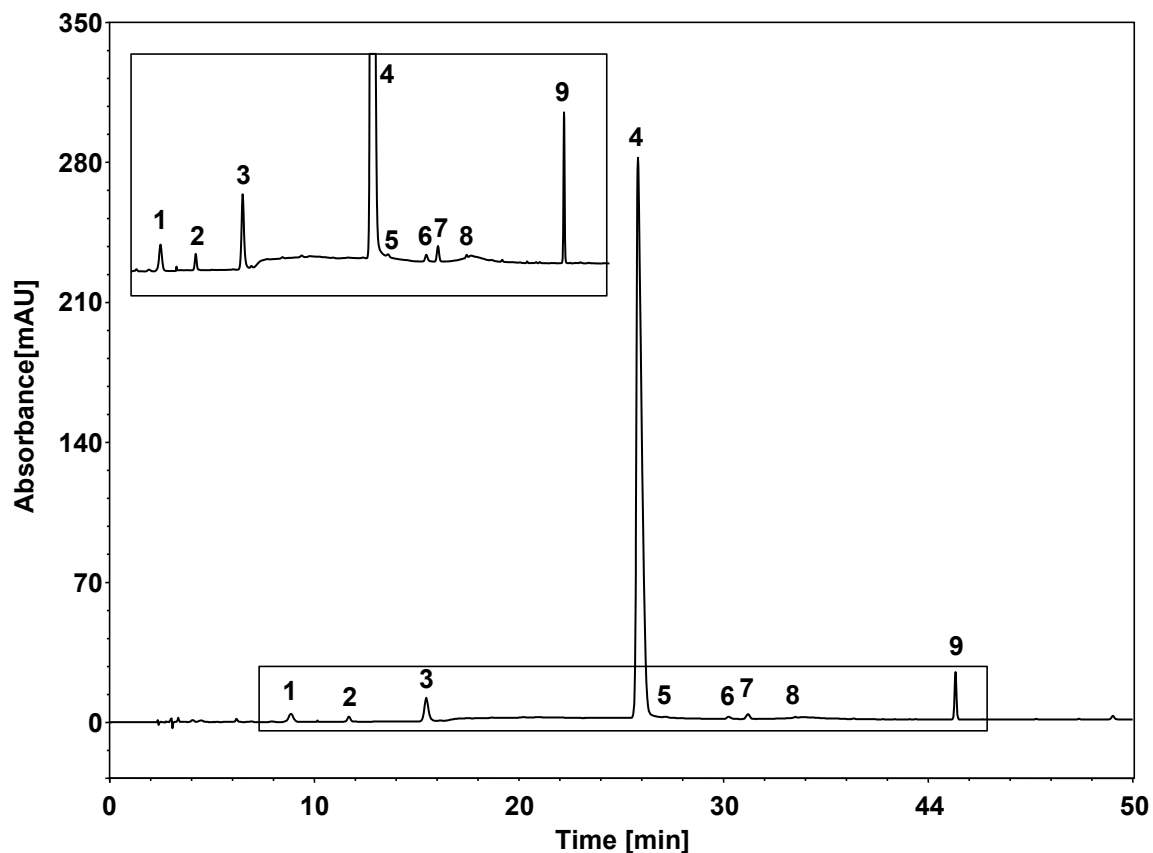


小儿法罗培南颗粒



Column: ChromCore BR C18, 5 μ m
Dimension: 4.6 \times 250 mm
Mobile Phase: A) 磷酸盐缓冲液 (6.12 g磷酸二氢钾、1.79 g磷酸氢二钠与1.61 g四丁基溴化铵, 加水溶解至1000 mL)
B) 50/50 v/v 乙腈/磷酸盐缓冲液

Gradient:

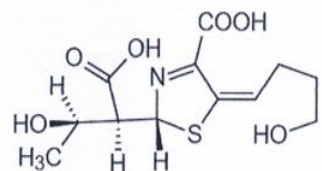
t (min)	%A	%B
0	84	16
25	70	30
35	50	50
54	30	70
55	84	16
64	84	16

Flow Rate: 1.0 mL/min
Temperature: 40 $^{\circ}$ C
Injection: 20 μ L
Detection: UV 240 nm
Instrument: Agilent Infinity II 1260
Sample: 小儿法罗培南颗粒

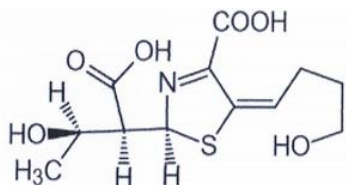
Peaks:

1. 开环杂质1	2. 开环杂质2	3. 杂质TFTA
4. 法罗培南	5. 异构体	6. 杂质285
7. 杂质OPF	8. 杂质371	9. 空白辅料

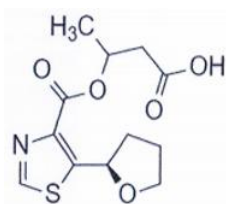
小儿法罗培南颗粒-结构式



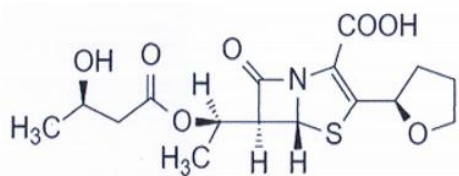
开环杂质1



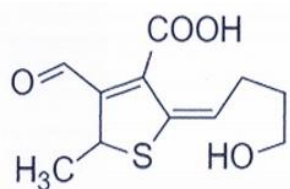
开环杂质2



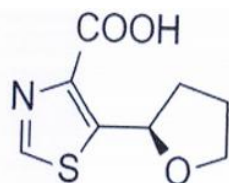
杂质285



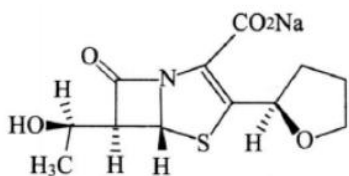
杂质371



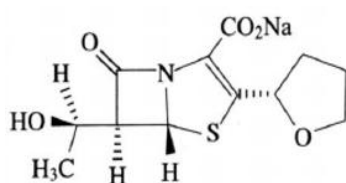
杂质OPF



杂质TFTA



法罗培南



异构体

组分	保留时间 (min)	理论塔板数 (USP)	拖尾因子 (USP)	分离度 (USP)
开环杂质1	8.874	6861	0.959	/
开环杂质2	11.709	29603	1.044	8.09
杂质TFTA	15.487	28845	1.217	11.9
法罗培南	25.831	44907	1.841	24.3
异构体	27.177	101721	0.843	3.25
杂质285	30.266	110548	1.151	8.76
杂质OPF	31.207	147989	1.016	2.73
杂质371	33.516	339392	1.224	8.32
辅料	41.354	950032	1.020	39.2