Comparative Analysis of Physicochemical Properties for Three Crystal Forms of Cordycepin and Their Interconversion Relationship

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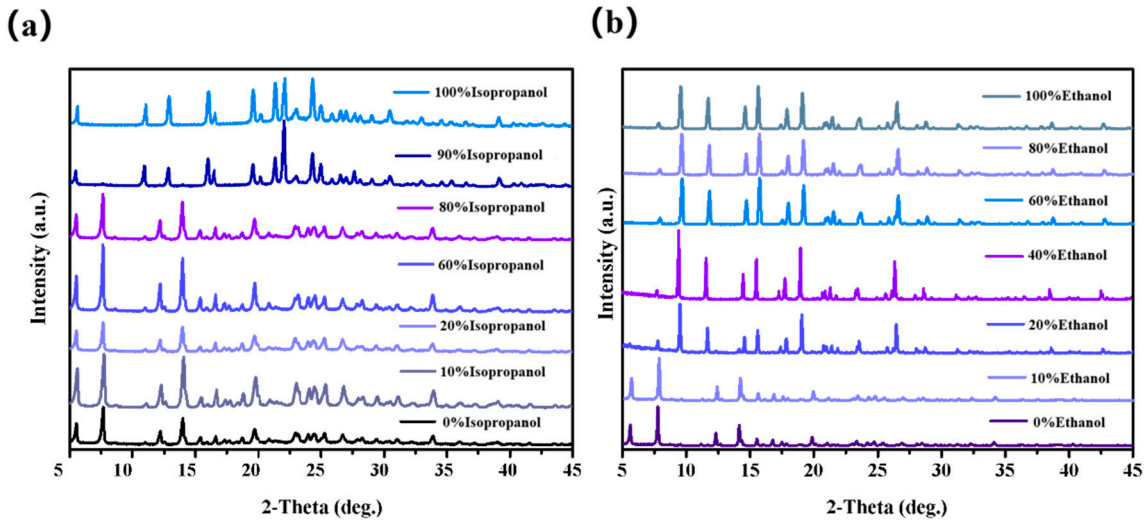


Figure S1 Crystal paste conversion experiment under different conditions:(a) Isopropanol, (b) Ethanol

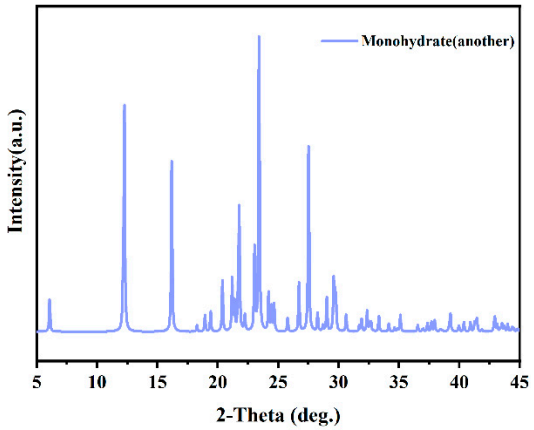


Figure S2 The PXRD pattern of unstable monohydrate of 3′-dA (Deposition Number: 2248593).

Table S1 The average value of six groups of dissolution data for anhydrate II and monohydrate in artificial gastric juice (pH 1.2)

T/min	Cumulative dissolution（%）	
	Anhydrate-II	Monohydrate
0	0	0
5	62.71	13.12
10	91.82	16.98

15	91.89	26.16
20	91.57	50.57
25	92.20	80.69
30	91.99	90.21
45	91.77	91.17
50	91.95	90.33
60	91.16	90.75

Table S2 The average value of six groups of dissolution data for anhydrate II and monohydrate in artificial intestinal fluid (pH 6.8)

T/min	Cumulative dissolution（%）	
	Anhydrate-II	Monohydrate
0	0	0
5	43.59	7.16
10	92.39	13.13
15	93.97	20.70
20	93.81	29.83
25	93.67	61.36
30	91.95	89.28
45	92.52	90.88
50	92.12	90.44
60	91.13	90.83