Inhibition of Dihydroorotate Dehydrogenase (DHODH) by RP7214 attenuates growth and promotes differentiation of AML cell lines

	DHODH)	HWB	PBMC	Cell Line	-Urid
IC (nM)	78	25	0.6		
10_{50} (1101)	7.0	2.0	0.0	U937	3.2
EC ₅₀ (nM)	-	2.5		THP-1	2.0
Table 1. DHODH enzyme activity was determined				HL-60	3.6
by its reduction of 2,6-dichloroindophenol during the oxidation of dihydroorotate using mitochondrial				MV411	2.6
membrane preparations of U937 cells.				Table 2. Growth inhibition in were treated with RP7214 in	
Freshly isolated human PBMCs or HWB were				U937, HL-60, and MV411 and	
and induced with 2 μ M PHA. CD4+ cells were				cell lines with Gl ₅₀ between	





Srikant Viswanadha¹, Satyanarayana Eleswarapu², Tejaswi Boodapati² and Swaroop Vakkalanka¹ ¹Rhizen Pharmaceuticals SA, La Chaux de Fonds, Switzerland, ²Incozen Therapeutics Private Limited, Hyderabad, India,

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