

Additions and Corrections

2005, Volume 48

Navneet Kaur, Jean-Guy Delcros, Bénédicte Martin, and Otto Phanstiel, IV*: Synthesis and Biological Evaluation of Dihydromotuporamine Derivatives in Cells Containing Active Polyamine Transporters.

Page 3837. In the fourth line of the right-hand column, the indicated number of mmoles of methanesulfonyl chloride is incorrect. The correct value is 280 mmol (“... methanesulfonyl chloride (32.42 g, 280 mmol) ...”).

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Fred Breitbeil III, Navneet Kaur, Jean-Guy Delcros, Bénédicte Martin, Khalil A. Abboud, and Otto Phanstiel IV*: Modeling the Preferred Shapes of Polyamine Transporter Ligands and Dihydromotuporamine-C Mimics: Shovel versus Hoe.

Page 2409. The units for IC_{50} and K_i values in Table 1 are incorrectly indicated. The correct units are μM , as shown in the table below.

Table 1. Biological Evaluation of Polyamine Derivatives in L1210, CHO, and CHO-MG Cells

compd (tether)	L1210		ref ^a	IC_{50} (μM)		IC_{50} ratio ^b
	IC_{50} (μM)	K_i (μM)		CHO-MG	CHO	
4a: dihydroMotu (3,3) ^c	3.0 ± 0.5	9.9 ± 0.5	3	10.0 ± 2.6	10.5 ± 1.6	1
4b: dihydroMotu (4,4)	18.5 ± 2.9	6.2 ± 0.5	3	28.2 ± 5.6	30.0 ± 4.1	1
6a: AntCH ₂ (3,3) ^d	1.8 ± 0.4	33.4 ± 2.6	5	3.4 ± 0.5	1.9 ± 0.4	1.8
6b: AntCH ₂ (4,4)	0.30 ± 0.04	1.8 ± 0.1	5	66.7 ± 4.1	0.45 ± 0.10	148
6c: AntCH ₂ CH ₂ (4,4)	3.5 ± 0.7	1.6 ± 0.1	8	33.5 ± 7.1	9.8 ± 1.1	3.4
6d: AntCH ₂ CH ₂ CH ₂ (4,4)	76.3 ± 4.8	1.1 ± 0.1	8	130.8 ± 5.5	130.1 ± 7.1	1
7a: N ¹ -ethyl-N ¹ -AntCH ₂ (3,3)	2.2 ± 0.1	23.5 ± 0.9		4.0 ± 0.3	5.3 ± 0.4	0.8
7b: N ¹ -ethyl-N ¹ -AntCH ₂ (4,4)	22.2 ± 1.2	24.4 ± 1.5	3	21.9 ± 0.9	22.2 ± 0.7	1

^a Denotes the reference number in which the data were originally reported. A blank in the ref column denotes new data. Cells were incubated for 48 h with the respective conjugate; see Experimental Section. ^b The IC_{50} ratio denotes the (CHO-MG/CHO) IC_{50} ratio, a measure of PAT selectivity. ^c dihydroMotu = dihydromotuporamine. ^d Ant = anthracen-9-yl.

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