

ISOLATED GUINEA PIG ILEUM (CONTRACTION)

TEST COMPOUND	d,l-N-Methyl-2-(beta-pyridyl)azetidine		
CR. NUMBER	1274	INBIFO NUMBER	S 2720 A
MOL. WEIGHT	148.20	MOL. WEIGHT ROUNDED	147
REF. SUBSTANCE	NICOTINE-DIHYDROGEN-L-TARTRATE	INBIFO NUMBER	S 2318
MOL. WEIGHT	498	MOL. WEIGHT ROUNDED	511

A 0500/3017.03

COPY NO.:

MOL. WT. OF REF. SUBST. = 511
 MOL. WT. OF TEST COMP. 147 = 3.48

CONSEC. NO.	REF. SUBSTANCE		TEST COMPOUND		100 mm CONTRACTION REF. SUBST. TEST COMP		RATIO ¹⁾ REF. SUBST.(mol/l) TEST COMP. (mol/l)
	CONC. IN ORGAN BATH (micromol/l)	CONTRACTION (mm)	CONC. IN ORGAN BATH (micromol/l)	CONTRACTION (mm)	CONC. IN ORGAN BATH (micromol/l)		
1	9.09×10^{-1}	22	1.47×10^0	48	1.78×10^0	1.96×10^0	9.09×10^{-1}
	1.96×10^0	113	3.16×10^0	195			
	4.22×10^0	204	6.81×10^0	202			
2	9.09×10^{-1}	54	1.47×10^0	35	2.15×10^0	2.87×10^0	7.50×10^{-1}
	1.96×10^0	84	3.16×10^0	128			
	4.22×10^0	141	6.81×10^0	150			
3	9.09×10^{-1}	76	1.47×10^0	39	1.33×10^0	2.37×10^0	5.62×10^{-1}
	1.96×10^0	128	3.16×10^0	156			
	4.22×10^0	196	6.81×10^0	191			
4	9.09×10^{-1}	36	1.47×10^0	9	1.78×10^0	2.87×10^0	6.19×10^{-1}
	1.96×10^0	108	3.16×10^0	136			
	4.22×10^0	179	6.81×10^0	190			

RATIO, GEOMETRIC MEAN (ROUNDED)	$\frac{(\text{mol/l})}{(\text{mol/l})}$	0.681	SOLVENT	saline
NO CONTRACTION AT GIVEN CONCENTRATION IN ORGAN BATH	- (micromol/l)			
REMARKS	-			

¹⁾ CALCULATED WITH THE NON ROUNDED VALUES, RESULTING RATIO ROUNDED TO THE NEXT WL24-FIGURE.

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CO-Z 104, 28. NOV. 1977, DRHA/HO, KORRIG. 11. AUG. 78, 15. SEPT. 78, 7. AUG. 79, 12. DEZ. 80

INBIFO, FUGGERSTR. 3, D-5000 KÖLN 90 (PORZ), TEL.: 02203/303-1