

Molecular Pharmaceutics

Functional characterization of human peptide/histidine transporter 1 in stably transfected MDCK cells

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Table S1. Mutant primers for hPHT1

Mutant sites	PCR Primers
L14A, L15A	Forward: AGCGGGCGCCCGGCGGGCGGGCGGGCGGGC Reverse: GCCGCGCGCCCGCCCGCGGGCGGGCGGGCGCT
L318A, V319A	Forward: GAAAGTGGAGAGATGTGAAAGCTGCGGGCCAAAGATTGTCCTGTTTTCTTG Reverse: CAAGAAAACAGGGACAATCTTGGCCCGCAGCTTTCACATCTTCCACTTC

Table S2. Mass spectrum parameters

Compounds	m/z (precursor and product)	Fragment	Collision Energy (V)
d ³ -L-Histidine	159/113	90	10
Carnosine	227/110	100	22
MDP	493.1/138	110	30
Tri-DAP	391.1/127.9	130	29
GlySar	146.9/90.1	80	7
GlyGlyGly	190/87	80	8