

Table 2. Results of the transport experiments.

Substrate	Flux (single) [mol m ⁻² s ⁻¹] ^[a]	Flux (comp.) [mol m ⁻² s ⁻¹] ^[b]	Flux (control) [mol m ⁻² s ⁻¹]
Ac-Val-OH	1.11×10^{-6}	1.54×10^{-7}	1.23×10^{-7}
Ac-Phe-OH	4.67×10^{-7}	2.03×10^{-7}	4.54×10^{-8}
Ac-Ala-OH	1.92×10^{-7}	2.30×10^{-8}	n/a
Ac-Trp-OH	8.05×10^{-8}	2.10×10^{-7}	4.62×10^{-8}
Ac-Tyr-OH	6.24×10^{-8}	5.65×10^{-8}	2.20×10^{-9}

[a] Conditions: the source phase was 3 mL of 100 mM BIS-TRIS buffer at pH 6 with a substrate concentration of 50 mM, the organic phase was 3.5 mL of a 1 mM solution of receptor **9** in chloroform, the receiving phase was 3 mL of 100 mM BIS-TRIS buffer at pH 8. [b] Conditions: the source phase was 3 mL of 100 mM BIS-TRIS buffer at pH 6 with substrate concentrations of 2 mM each, the organic phase was 3.5 mL of a 1 mM solution of receptor **9** in chloroform, the receiving phase was 3 mL of 100 mM BIS-TRIS buffer at pH 8.