

ion affinity to Cellular
proteins



NPTTEL

Crown ethers cryptands

- ① core / Pore size
- ② No. of ligating centers
- ③ Hydrophobicity / hydrophilicity
of the ionophore

ion binding strength

vs.

Transport

neither proportional
nor inversely proportional

$$\log K_s = 4.5 \text{ to } 6$$

$\{Na^+, K^+\}$ ATPase

NPTTEL