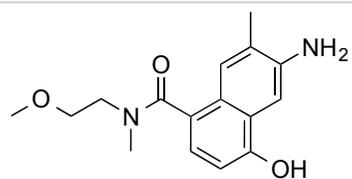


Esercizio di Competenza # 7

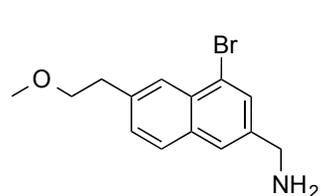
La **molecola A**, che inizialmente considerate, possiede una scarsa solubilità acquosa che si associa ad un comportamento idrofobico. Sospettando la presenza di gruppi ionizzabili, misurate la pK_a , ottenendo un valore di sperimentale di circa 2. Tale valore si alza se la misura viene condotta in miscela acqua-metanolo (10 % v/v). Successivamente considerate anche una seconda molecola (**B**), anch'essa possedente una scarsa solubilità acquosa. La struttura tuttavia mostra solubilizzarsi meglio a $pH > 7$ (basici). Si osserva anche un aumento a pH acidi (circa 1, singola misura).

Identificare **A** e **B** all'interno del pool



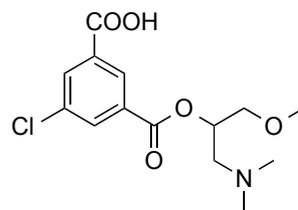
A

Log P: 1,55



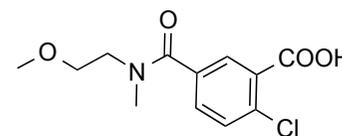
B

Log P: 2,97



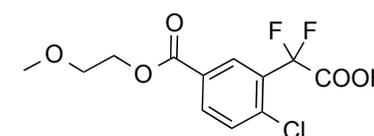
C

Log P: 1,79



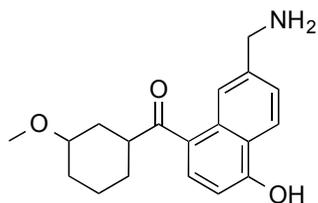
D

Log P: 1,37



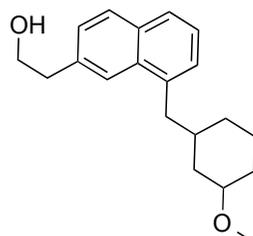
E

Log P: 2,42



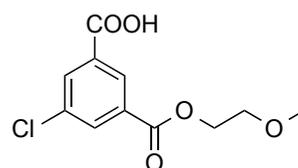
F

Log P: 2,1



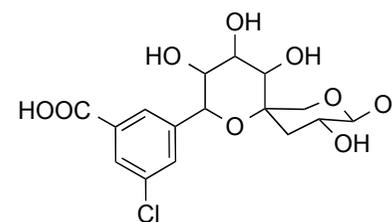
G

Log P: 4,27



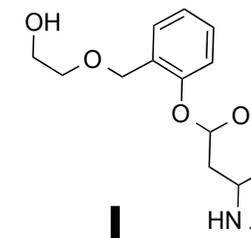
H

Log P: 1,81



I

Log P: -0,98



L

Log P: 1,21