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Q Intermediate chain SAR of procain local anesthetic.

- ① The interm. chain includes the ester or amid group and the bridge
- ② the chain almost contains the one to three carbons in length linked in aromatic ring.
- ③ Amino amides are more resistant to metabolic inactivation than the amino esters and are thus longer acting
- ④ Small alkyl groups around the ester junction or the amid junction hinders esterase or amidase catalyzed hydrolysis prolonging the duration of action

