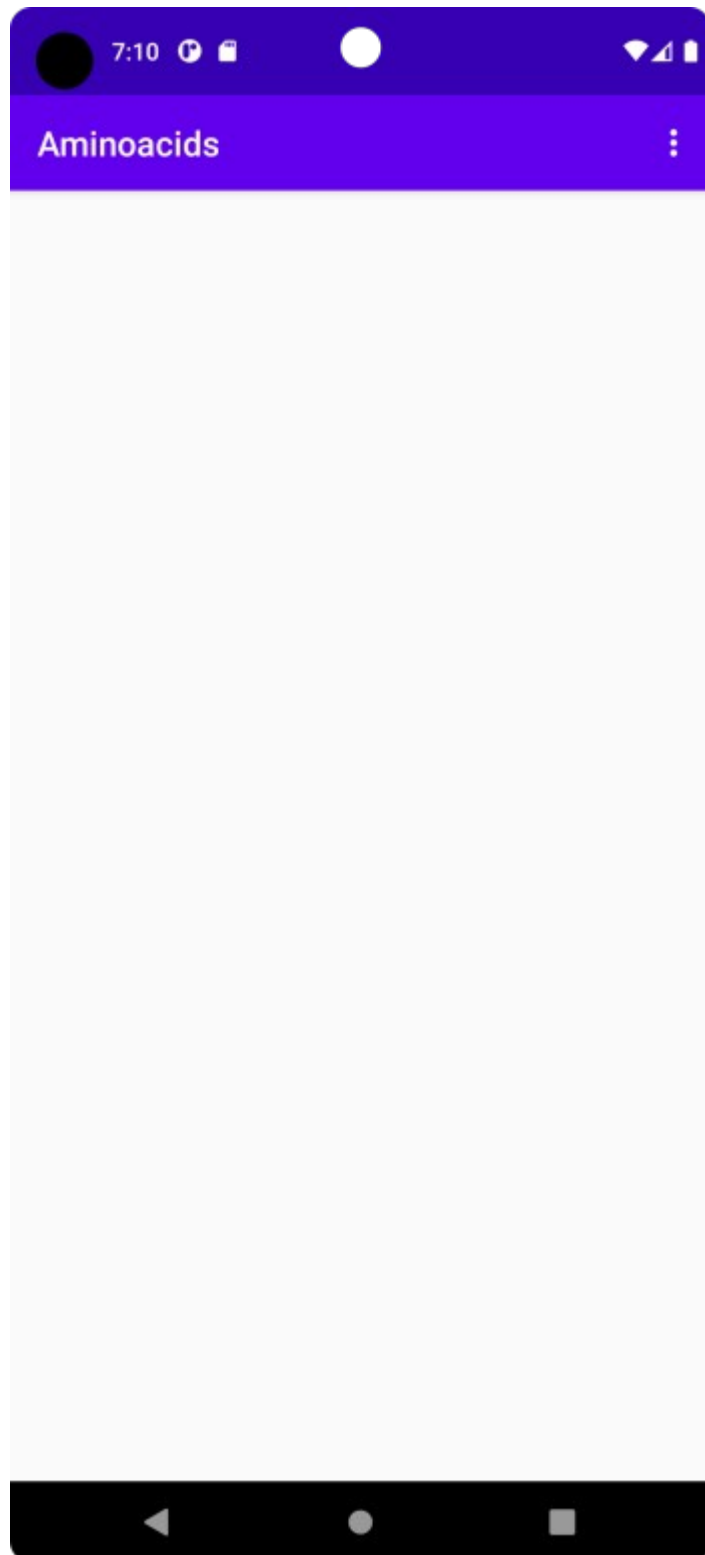
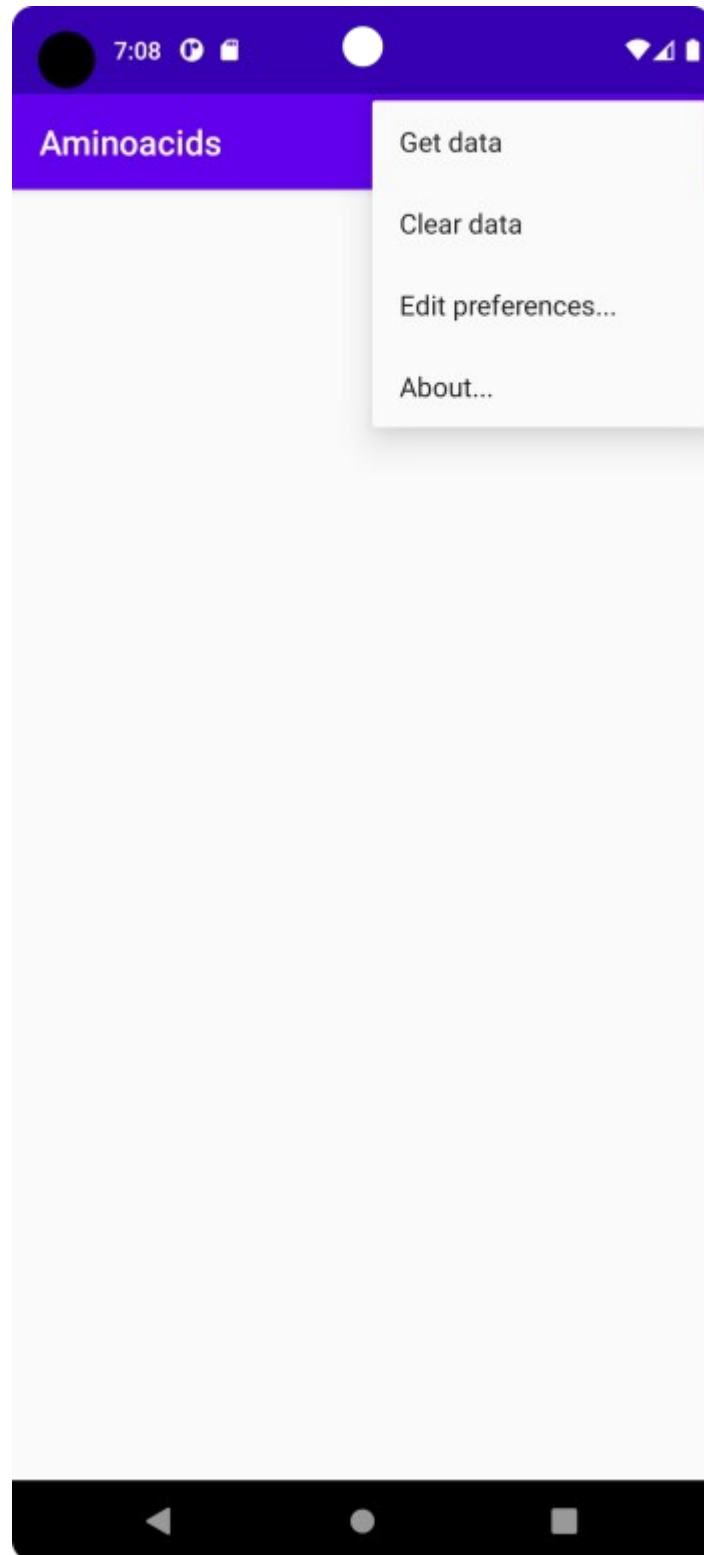


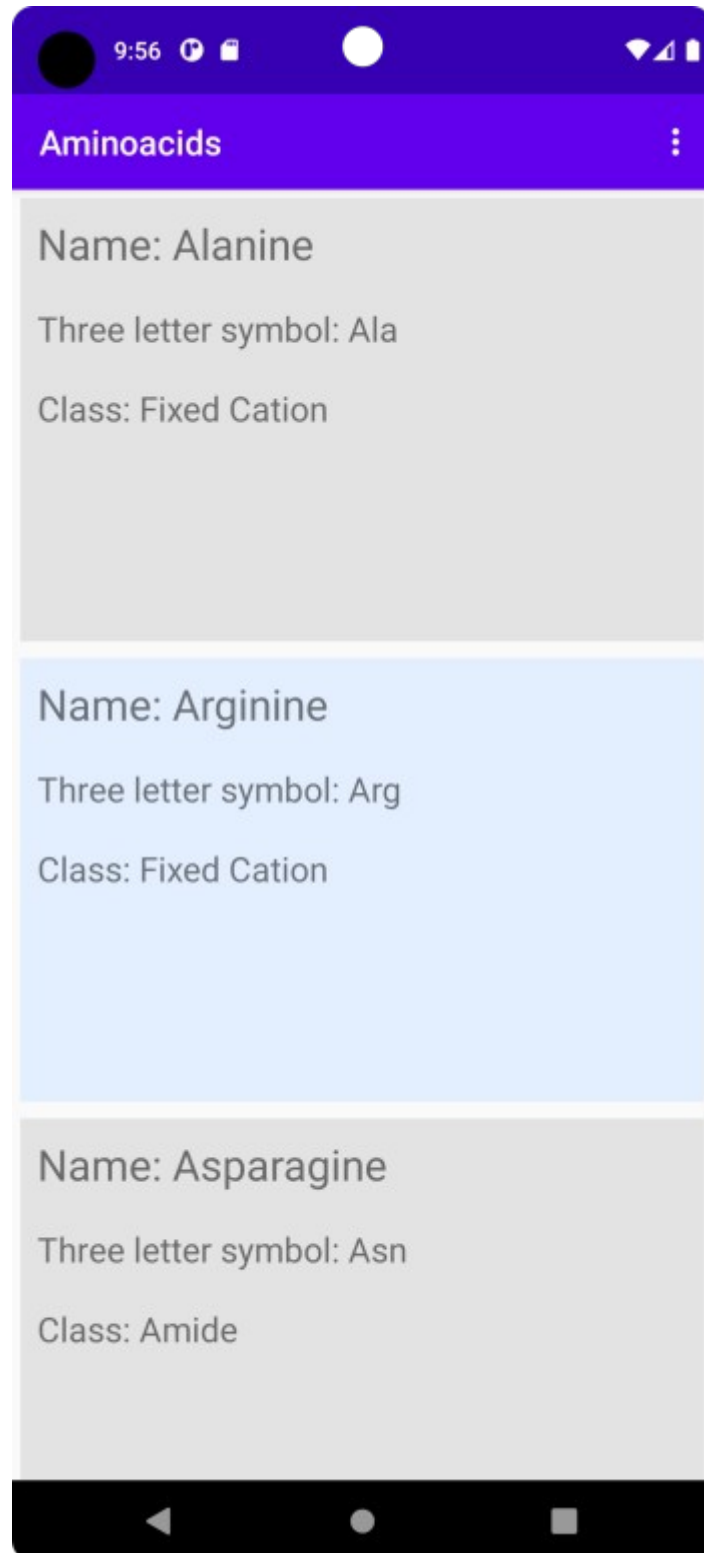
# Startskärm



# Meny



# Med data



# Detaljvy

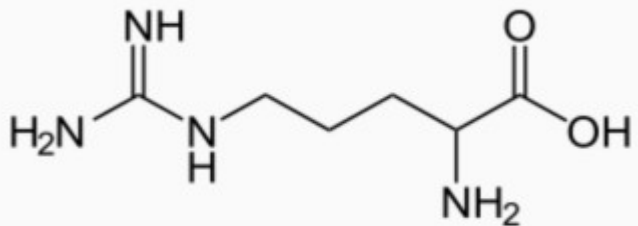
9:59

## Aminoacids

Name: Arginine

Three letter symbol: Arg

One letter symbol: R



Chemical structure of Arginine (L-Arginine) is shown. It features a guanidino group (H<sub>2</sub>N-C(=NH)-NH-) attached to a four-carbon chain. The chain has an amino group (-NH<sub>2</sub>) on the third carbon and a carboxylic acid group (-COOH) on the first carbon.

Arginine is the amino acid with the formula (H<sub>2</sub>N)(HN)CN(H)(CH<sub>2</sub>)<sub>3</sub>CH(NH<sub>2</sub>)CO<sub>2</sub>H. The molecule features a guanidino group appended to a standard amino acid framework. At physiological pH, the carboxylic acid is deprotonated (-CO<sub>2</sub><sup>-</sup>) and both the amino and guanidino groups are protonated, resulting in a cation. Only the L-arginine (symbol Arg or R) enantiomer is found naturally. Arg residues are common components of proteins. It is encoded by the codons CGU, CGC, CGA, CGG, AGA, and AGG. The guanidine group in arginine is the precursor for the biosynthesis of nitric oxide. Like all amino acids, it is a

# Inställningar

The image shows a mobile application interface with a purple header bar. The status bar at the top displays the time 10:00, a profile icon, a document icon, a white circle, and connectivity icons for Wi-Fi, cellular, and battery. The main content area has a light gray background and is titled 'Filter out amino acids by class' in teal. Below this title are four settings, each with a class name, a description, and a checkbox:

- Amide**  
Remove acids belonging to the class Amide ☐
- Anion**  
Remove acids belonging to the class Anion ☐
- Fixed Cation**  
Remove acids belonging to the class Fixed Cation ☐
- Thiol**  
Remove acids belonging to the class Thiol ☐

The bottom of the screen features a black navigation bar with three icons: a back arrow, a central circle, and a square.

# About

