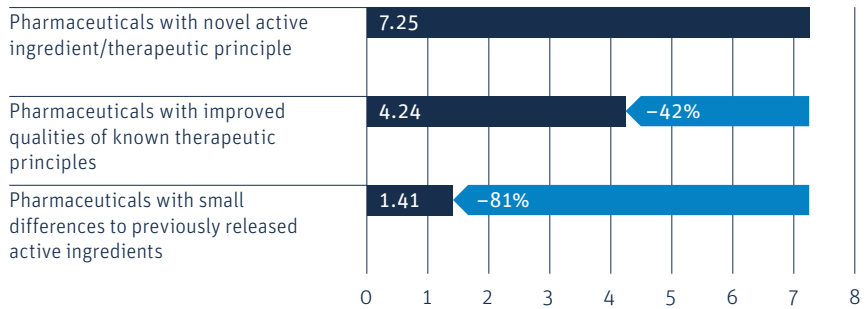


Improved Substances Save Money

Costs of patented products per daily dose in the 2008 SHI market in EUR



Source: Arzneimittelverordnungs-Report 2009

Active ingredients whose molecular structure resembles substances that have already been released often yield various therapeutic benefits, such as improved pharmacokinetics or fewer side effects. This is why many of these products are on the World Health Organization's "essential drug list", while the original product is not listed. Molecular variations also promote price competition between the patented substances of a given substance class.

The latest data from the Arzneiverordnungs-Report in 2009 (p. 170) show that drugs with a novel active ingredient or therapeutic principle cost on average EUR 7.25 per daily dose, while substances associated with improved pharmacological qualities of previously known therapeutic principles cost 42 percent less on average, thus offering a greater benefit at a lower price.