Feeling Better Longer
Modified Release Technology Helps Keep You from Coughing All Day

Looking to minimize the number of daily dosages without compromising safety & effectiveness, DOW has a solution to help medication last an extended period of time.

Medicine
Active Pharmaceutical Ingredient (API) is bound to an ion exchange resin like AMBERLITE™ IR69 from Dow Water & Process Solutions.

Resin
The resin prevents instantaneous release of the API, providing more efficient dosing of the API.

Coating
Provides additional modification of API release.

Longer Lasting Medicine

- The API cannot be extracted from the formulation, making the abuse of the API more difficult.
- Medicine is taken orally and resin masks bitter tasting APIs.
- Resin is insoluble and it is not adsorbed by the body.
- The resin allows release of the API over time providing more effective dosing.
- Modified release medication helps increase patient compliance, as dosing regimens are decreased.