

Ans-5 \rightarrow Tolbutamide lowers blood sugar by stimulating the pancreas to secrete insulin and helping the body use insulin efficiently.

molecular formula \rightarrow $C_{12}H_{18}N_2O_3$

Tolbutamide is an N-sulfonylurea that consists of 1-butylurea having a tosyl group attached at the 3-position. It has a role as a hypoglycemic agent, a potassium channel blocker.

Tolbutamide is a short-acting, first generation sulfonylurea with hypoglycemic activity.