BACKGROUND

Procainamide, known more commonly as Pronestyl, Procanbid or Procan, is a class Ia antiarrhythmic drug that can be administered orally or intravenously and is used for the treatment of cardiac arrhythmias. Specifically, Procainamide functions by blocking open sodium channels, thereby prolonging the cardiac action potential and causing a slower conduction. The active metabolite of Procainamide is N-acetylprocainamide, which is stronger than Procainamide and is excreted by the renal system and the kidneys. Problematic side effects of Procainamide include myalgia, rash and hypersensitivity reactions (such as agranulocytosis and fever). In some cases, Procainamide may cause autoimmune antibody production against cellular components, which can lead to systemic lupus erythematosus-like reactions.

REFERENCES


STORAGE

Store at 4°C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.