BIOLOGICAL ACTIVITY:

Rimeporide (EMD-87580) is a potent and selective inhibitor of the Na\(^+\)/H\(^+\) exchanger (NHE-1). IC\(_{50}\) & Target: NHE1\[^1\] In Vitro: Blocking NHE-1 activity has been shown to decrease intracellular Na\(^+\) and Ca\(^{2+}\) overload and pH and Rimeporide (EMD-87580) represents a new therapeutic option for duchenne muscular dystrophy (DMD). Rimeporide (EMD-87580) is expected to act as a muscle-sparing agent and its mode of action means that it is mutation independent\[^1\].

CAIndexNames:

Benzamide, N-(aminoiminomethyl)-2-methyl-4,5-bis(methylsulfonyl)-

SMILES:

O=C(NC(N)=N)C1=CC(S(=O)(C)=O)=C(S(=O)(C)=O)C=C1C

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848    Fax: 888-484-5008    E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA