

Catalog Number: CM00123

产品信息

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CM00123

CAS号:
1576-37-0

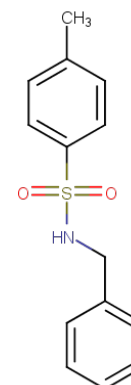
分子式:
C₁₄H₁₅NO₂S

主要靶点:
ATPase|Myosin

主要通路:
离子通道|细胞骨架

分子量:
261.34

溶解度:
DMSO:33.33 mg/mL (127.54 mM)



靶点活性

Ca²⁺-stimulated myosin S1 ATPase: 5 μM

体内活性

BTS is remarkably specific, as it was much less effective in suppressing contraction in rat myocardial or rabbit slow-twitch muscle, and did not inhibit platelet myosin II. The isolation of BTS and the recently discovered Eg5 kinesin inhibitor, monastrol, suggests that motor proteins may be potential targets for therapeutic applications.

描述

BTS is a potent inhibitor of Ca²⁺-stimulated myosin S1 ATPase (IC₅₀: 5 μM).

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years