

Product Data Sheet

Product Name: FKK
Cat. No.: GC31907

Chemical Properties

Cas. No. 78299-79-3

SMILES CC1=CC2=C(C3=CC=CC=C3)N(CCC4)[N+]4=C2C=C1.[Br-]

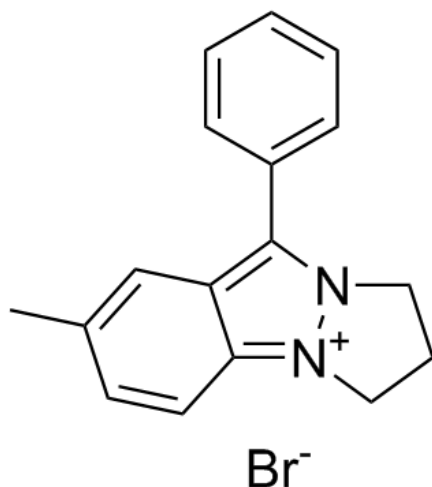
Formula $C_{17}H_{17}BrN_2$ M.Wt 329.23

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

FKK is an indazole derivative and also a novel bronchodilator.

FKK is an indazole derivative and also a novel bronchodilator. FKK (0.1 to 3.0 mg/kg, i.v.) slightly increases respiratory frequency, left ventricular (LV) dp/dt max and myocardial contractile force. A slight increase followed by a decrease is observed in systemic blood pressure and LV systolic pressure. FKK causes direct vasodilation in the coronary, mesenteric and femoral vasculatures, but has no effect on the renal vasculature. It is particularly pertinent that FKK (30 mg/kg, i.d., enough to

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cause marked bronchodilation), unlike aminophylline (30 mg/kg, i.d.), does not significantly influence the cardiovascular system[1].

[1]. Shiraki Y, et al. Effects of an indazole derivative, FKK, a novel bronchodilator, on the cardiovascular system in dogs. Arch Int Pharmacodyn Ther. 1985 Jan;273(1):155-66.

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