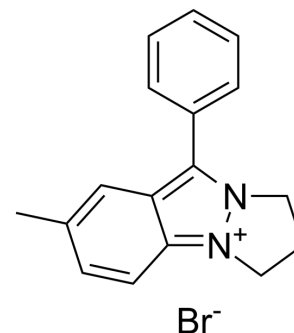


FKK

Cat. No.:	HY-100194
CAS No.:	78299-79-3
Molecular Formula:	C ₁₇ H ₁₇ BrN ₂
Molecular Weight:	329.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FKK is an indazole derivative and also a novel bronchodilator.
In Vivo	<p>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 cause marked bronchodilation), unlike aminophylline (30 mg/kg, i.d.), does not significantly influence the cardiovascular system^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[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.

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

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