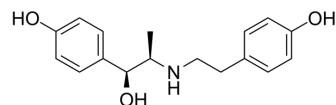


Ritodrine

Cat. No.:	HY-B0452A
CAS No.:	26652-09-5
Molecular Formula:	C ₁₇ H ₂₁ NO ₃
Molecular Weight:	287.35
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Ritodrine (DU21220) is a β -adrenergic agonist, also an effective smooth muscle and uterine relaxant. Ritodrine prolongs contraction interval, can be used for researching arrest premature labor^{[1][2][3]}.

CUSTOMER VALIDATION

- J Pharmaceut Biomed. 2020, 113870.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Spellacy WN, et al. Treatment of premature labor with ritodrine: a randomized controlled study. *Obstet Gynecol.* 1979 Aug;54(2):220-3.
- [2]. Canadian Preterm Labor Investigators Group. Treatment of preterm labor with the beta-adrenergic agonist ritodrine. *N Engl J Med.* 1992 Jul 30;327(5):308-12.
- [3]. Li, X., Y. Zhang, and Z. Shi, Ritodrine in the treatment of preterm labour: a meta-analysis. *Indian J Med Res,* 2005. 121(2): p. 120-7.

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

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