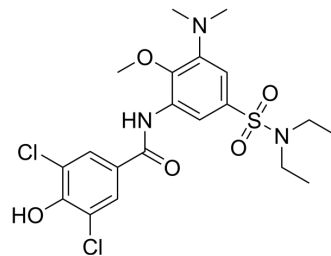


## JTC-017

Cat. No.:	HY-118821
CAS No.:	357330-77-9
Molecular Formula:	C <sub>20</sub> H <sub>25</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>5</sub> S
Molecular Weight:	490.4
Target:	CRFR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

JTC-017, a specific corticotropin-releasing hormone receptor 1 antagonist, attenuates hippocampal noradrenaline release, visceral perception, adrenocorticotrophic hormone release, and anxiety after acute colorectal distention in rats. JTC-017 blocks stress-induced changes in colonic motility after chronic colorectal distention in rats<sup>[1]</sup>.

## REFERENCES

[1]. Saito K, et al. Corticotropin-releasing hormone receptor 1 antagonist blocks brain-gut activation induced by colonic distention in rats. *Gastroenterology*. 2005;129(5):1533-1543.

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

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