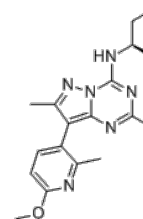


**Product Name** : Pexacerfont  
**Cat. No.** : PC-61269  
**CAS No.** : 459856-18-9  
**Molecular Formula** : C<sub>18</sub>H<sub>24</sub>N<sub>6</sub>O  
**Molecular Weight** : 340.431  
**Target** : CRF Receptor  
**Solubility** : 10 mM in DMSO



## Biological Activity

Pexacerfont (BMS562086, DPC-A69448) is a potent, selective and orally active CRF1 receptor antagonist with IC<sub>50</sub> of 6.1 nM, >1,000-fold selectivity over CRF-binding protein and biogenic amine receptors.

Pexacerfont (BMS562086, DPC-A69448) demonstrates oral effectivity in rat models of anxiety, possesses good pharmacokinetic profile in vivo.

## References

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Gilligan PJ, et al. *J Med Chem*. 2009 May 14;52(9):3084-92.

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Zhou L, et al. *Drug Metab Dispos*. 2012 Jun;40(6):1093-103.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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