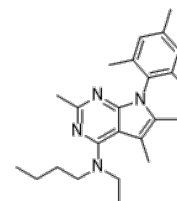


Product Name : Antalarmin
Cat. No. : PC-23838
CAS No. : 157284-96-3
Molecular Formula : C₂₄H₃₄N₄
Molecular Weight : 378.56
Target : CRF Receptor
Solubility : 10 mM in DMSO



CAS: 157284-96-3

Biological Activity

Antalarmin is a potent, selective nonpeptide corticotropin-releasing factor receptor 1 (CRHR1, CRF1) antagonist with K_i of 2.7 nM, with no effect on CRF2 receptor.

Antalarmin potently displaced 125I-oCRH binding, exhibiting respectively K_i values of 1.9 nM, 1.3 nM, and 1.4 nM in pituitary, cerebellum, and frontal cortex homogenates.

Antalarmin (20 mg/kg body wt.) significantly inhibited CRH-stimulated ACTH release and carageenin-induced subcutaneous inflammation in rats.

References

Deak T, et al. *Endocrinology*. 1999 Jan;140(1):79-86.

Webster EL, et al. *Endocrinology*. 1996 Dec;137(12):5747-50.

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

E-mail: tech@probechem.com