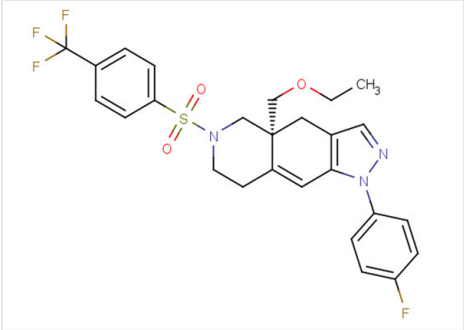
# CORT108297 Inhibitor

## PRODUCT OVERVIEW

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|---|---|
| **Product Name** | Cort108297, Inhibitor |
| **Full Product Name** | Cort108297 |
| **Product Gene Name** | Cort108297, inhibitor |
| **Form/Format** | Solid. Powder |
| **Purity/Purification** | 98.00% |
| **Preparation and Storage** | Store at -20 degree C for 3 years powder<br>-80 degree C for 2 years in solvent |
| **Molecular Weight** | 535.55 |
| **Solubility** | <1mg/ml refers to the product slightly soluble or insoluble |
| **Formula** | C26H25F4N3O3S |
| **SMILES** | O=S(N1C[C@@]2(COCC)CC3=C(N(C4=CC=C(F)C=C4)N=C3)C=C2CC1)(C5=CC=C(C(F)(F)F)C=C5)=O |
| **CAS Number** | 1018679-79-2 |
| **Target & IC50** | glucocorticoid receptor: ic50 0.45nM (ki) |
| **Product Categories/Family for Cort108297, inhibitor** | Metabolism; GR |
| **Related Product Information for Cort108297, inhibitor** | Cort108297 is a specific antagonist of the glucocorticoid receptor with a high affinity for GRs (Ki: 0.45nM). |
| **Product References and Citations for Cort108297, inhibitor** | Sindelar DK, et al. LLY-2707, a novel nonsteroidal glucocorticoid antagonist that reduces atypical antipsychotic-associated weight gain in rats. J Pharmacol Exp Ther. 2014 Jan;348(1):192-201.<br>Sindelar DK, et al. LLY-2707, a novel nonsteroidal glucocorticoid antagonist that reduces atypical antipsychotic-associated weight gain in rats. J Pharmacol Exp Ther. 2014 Jan;348(1):192-201.<br>Kach J, et al. Selective Glucocorticoid Receptor Modulators (SGRMs) Delay Castrate-Resistant Prostate Cancer Growth. Mol Cancer Ther. 2017 Aug;16(8):1680-1692.<br>Kach J, et al. Selective Glucocorticoid Receptor Modulators (SGRMs) Delay Castrate-Resistant Prostate Cancer Growth. Mol Cancer Ther. 2017 Aug;16(8):1680-1692.<br>Asagami T, et al. Selective Glucocorticoid Receptor (GR-II) Antagonist Reduces Body Weight Gain in Mice. J Nutr Metab. 2011;2011:235389.<br>Asagami T, et al. Selective Glucocorticoid Receptor (GR-II) Antagonist Reduces Body Weight Gain in Mice. J Nutr Metab. 2011;2011:235389.<br>Solomon MB, et al. The selective glucocorticoid receptor antagonist CORT 108297 decreases neuroendocrine stress responses and immobility in the forced swim test. Horm Behav. 2014 Apr;65(4):363-71.<br>Solomon MB, et al. The selective glucocorticoid receptor antagonist CORT 108297 decreases neuroendocrine stress responses and immobility in the forced swim test. Horm Behav. 2014 Apr;65(4):363-71. |
| **Other Notes** | Small volumes of Cort108297, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for Cort108297 purchase** | MBS5754738 is an inhibitor targeting Cort108297. |




**Structure of Cort108297, inhibitor**

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/cort108297/5754738