

## Product Datasheet

### Fluticasone (propionate) (orb1310855)

<b>Catalog Number</b>	orb1310855
<b>Category</b>	Small Molecules
<b>Description</b>	Fluticasone propionate is a potent and selective glucocorticoid receptor (GR) agonist, derived from the anti-asthmatic fluticasone. It is widely used in research to study GR signaling and anti-inflammatory mechanisms in both cellular (in vitro) and animal (in vivo) experimental models.
<b>Target</b>	ADC Cytotoxin,Virus Protease,Estrogen/progestogen Receptor,Glucocorticoid Receptor,Phospholipase,Endogenous Metabolite
<b>Purity</b>	>99.99% (May vary between batches)
<b>MW</b>	500.57
<b>Target Areas</b>	Endogenous Metabolite Estrogen/progestogen Receptor ADC Cytotoxin Virus Protease Glucocorticoid Receptor Phospholipase
<b>Solubility (25°C)</b>	DMSO:250 mg/mL (499.43 mM);10% DMSO+90% Corn Oil:2.5 mg/mL (4.99 mM)
<b>CAS Number</b>	80474-14-2
<b>Formula</b>	$C_{25}H_{31}F_3O_5S$
<b>SMILES</b>	<chem>O(C(CC)=O)[C@@]1(C(SCF)=O)[C@]2(C)[C@@](C[C@H]1C)([C@]3([C@](F)([C@@H](O)C2)[C@]4(C)C([C@@H](F)C3)=CC(=O)C=C4)[H])[H]</chem>
<b>Storage</b>	Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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