

## 4-Chloro-2-(trifluoroacetyl)aniline

## Chemical Properties

CAS No. :	154598-53-5
Formula:	C <sub>8</sub> H <sub>5</sub> ClF <sub>3</sub> NO
Molecular Weight:	223.58
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	4-Chloro-2-(trifluoroacetyl)aniline (Compound 10) is an analog of Efavirenz and acts as a ligand for the pregnane X receptor (PXR). However, it does not activate PXR nor does it induce the expression of Cyp3a11 mRNA.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4727 mL	22.3634 mL	44.7267 mL
5 mM	0.8945 mL	4.4727 mL	8.9453 mL
10 mM	0.4473 mL	2.2363 mL	4.4727 mL
50 mM	0.0895 mL	0.4473 mL	0.8945 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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