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## Product Data Sheet

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Product Name: FAS-IN-1 Tosylate

Cat. No.: GC34311

### Chemical Properties

Cas. No.

SMILES OS(C1=CC=C(C)C=C1)(=O)=O.O=C2COC3(CCN(S(=O)(=O)C4=CC=C(C5=CC=C6C=CC=NC6=C5)C=C4)=O)CC3)CN2C7CC7

Formula  $C_{33}H_{35}N_3O_7S_2$  M.Wt 649.78

Solubility DMSO : 6.6 mg/mL (10.16 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

FAS-IN-1 tosylate is a potent inhibitor of fatty acid synthase (FAS) extracted from patent WO 2012064642 A1, compound 29; has an IC50 of 10 nM.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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