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**Product Data Sheet**

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Product Name: ABP 688  
Cat. No.: GC50125

**Chemical Properties**

Cas. No. 924298-51-1

SMILES CC1=CC=CC(C#CC(CCC2)=C/C2=N/OC)=N1

Formula  $C_{15}H_{16}N_2O$  M.Wt 240.3

Solubility DMSO: 100 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**

High affinity human mGlu5 receptor antagonist ( $K_i = 1.7$  nM). Inhibits glutamate-induced calcium release from L(tk-) cells expressing human mGlu5 receptors ( $IC_{50} = 2.3$  nM).

Hintermann et al (2007) ABP688, a novel selective and high affinity ligand for the labeling of mGlu5 receptors: identification, in vitro pharmacology, pharmacokinetic and biodistribution studies. Bioorg.Med.Chem. 15 903 PMID:17110115

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

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