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**Product Data Sheet**

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Product Name: TCS 46b  
Cat. No.: GC14442

**Chemical Properties**

Cas. No. 302799-86-6

Chemical Name 5-(3-(4-benzylpiperidin-1-yl)prop-1-yn-1-yl)-1H-benzo[d]imidazol-2(3H)-one

SMILES O=C1NC2=CC(C#CCN3CCC(CC4=CC=CC=C4)CC3)=CC=C2N1

Formula  $C_{22}H_{23}N_3O$  M.Wt 345.44

Solubility <34.54mg/ml in DMSO; <34.54mg/ml in ethanol Storage Store at RT

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

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

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