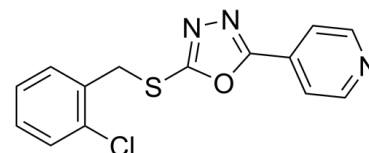


## Data Sheet

<b>Product Name:</b>	GSK3-IN-1
<b>Cat. No.:</b>	CS-0428979
<b>CAS No.:</b>	478482-74-5
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>10</sub> ClN <sub>3</sub> OS
<b>Molecular Weight:</b>	303.77
<b>Target:</b>	GSK-3
<b>Pathway:</b>	PI3K/Akt/mTOR; Stem Cell/Wnt
<b>Solubility:</b>	DMSO : 100 mg/mL (329.20 mM; ultrasonic and warming and heat to 52°C)



### BIOLOGICAL ACTIVITY:

GSK3-IN-1 (compound 11) is a **GSK-3** inhibitor with an **IC<sub>50</sub>** value of 12 μM. GSK3-IN-1 can be used in the research of diabetes<sup>[1]</sup>.  
IC50 & Target:GSK-3<sup>[1]</sup>

### References:

[1]. Lars Naerum, et al. Scaffold hopping and optimization towards libraries of glycogen synthase kinase-3 inhibitors. *Bioorg Med Chem Lett.* 2002 Jun 3;12(11):1525-8.

### CAIndexNames:

Pyridine, 4-[5-[[[(2-chlorophenyl)methyl]thio]-1,3,4-oxadiazol-2-yl]-

### SMILES:

C1C=C(CSC2=NN=C(C3=CC=NC=C3)O2)C=CC=C1

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA