

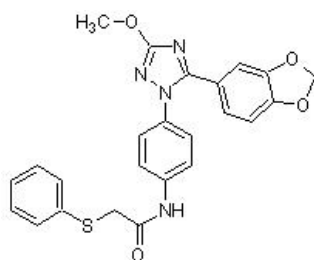
Product datasheet

SecinH3, Sec7-GEF inhibitor ab145048

1 References

Overview

Product name	SecinH3, Sec7-GEF inhibitor
Description	Selective Sec7-GEF inhibitor
Biological description	Selective Sec7-GEF inhibitor (IC ₅₀ values are 2.4, 5.4, 5.4, 5.6, 5.6, 65 and > 100 µM for hCyh2, hCyh1, mCyh3, hCyh3, Drosophila steppke, yGea2-S7 and hEFA6-S7, respectively). Inhibits insulin signaling <i>via</i> inhibition of insulin receptor substrate protein phosphorylation. Cell-permeable.
Purity	> 99%
CAS Number	853625-60-2
Chemical structure	



Properties

Chemical name	<i>N</i> -[4-[5-(1,3-Benzodioxol-5-yl)-3-methoxy-1 <i>H</i> -1,2,4-triazol-1-yl]phenyl]-2-(phenylthio)acetamide
Molecular weight	460.51
Molecular formula	C ₂₄ H ₂₀ N ₄ O ₄ S
PubChem identifier	1029232
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 10 mM and in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

SMILESO=C(CSc1ccccc1)Nc2ccc(cc2)n5nc(OC)nc5c3ccc4OCOc4c3**Source**

Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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