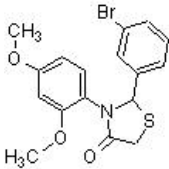


Product datasheet

CK869, Actin-related protein 2/3 (Arp2/3) complex inhibitor ab218109

1 References

Overview

Product name	CK869, Actin-related protein 2/3 (Arp2/3) complex inhibitor
Description	Actin-related protein 2/3 (Arp2/3) complex inhibitor
Biological description	Inhibitor of human and bovine actin-related protein 2/3 (Arp2/3) complex. Inhibits actin polymerization with bovine Arp2/3 complex ($IC_{50} = 11 \mu M$) and inhibits the formation of actin filament comet tails by <i>Listeria monocytogenes</i> in infected SKOV3 cells ($IC_{50} = 7 \mu M$). Does not inhibit budding or fission yeast Arp2/3 complexes.
Purity	> 98%
CAS Number	388592-44-7
Chemical structure	

Properties

Chemical name	2-(3-Bromophenyl)-3-(2,4-dimethoxyphenyl)-4-thiazolidinone
Molecular weight	394.28
Molecular formula	$C_{17}H_{16}BrNO_3S$
PubChem identifier	3574452
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Solubility overview	Soluble in DMSO to 100 mM
Handling	<p>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.</p> <p>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

SMILES

COC1=CC(=C(C=C1)N2C(SCC2=O)C3=CC(=CC=C3)Br)OC

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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