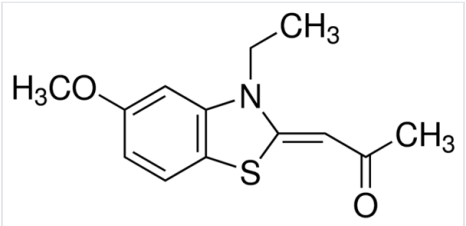
TG003 Small Molecule

PRODUCT OVERVIEW

Product Name	TG003, Small Molecule
Full Product Name	TG003
Product Gene Name	TG003 small molecule
Product Synonym Names	Clk family kinase inhibitor; TG 003; (1Z)-1-(3-Ethyl-5-methoxy-2(3H)-benzothiazolylidene)-2-propanone
Host	Synthetic
Form/Format	Yellow solid
Purity/Purification	>98 %
Preparation and Storage	Store at -20 degree C.
Molecular Weight	249.3
Solubility	Soluble to 100 mM in DMSO and to 75 mM in ethanol
CAS Number	719277-26-6
Molecular Formula	C13H15NO2S
SMILES	CCN\1C2=C(C=CC(=C2)OC)S/C1=C\C(=O)C
InChI	1S/C13H15NO2S/c1-4-14-11-8-10(16-3)5-6-12(11)17-13(14)7-9(2)15/h5-8H,4H2,1-3H3/b13-7-
InChI Key	BGVLELSCIHASRV-QPEQYQDCSA-N
PubChem CID	1893668
Product Categories/Family for TG003 small molecule	Small Molecules; Inhibitor; Cell Signaling; Cancer; Apoptosis; Cancer Growth Inhibitors; Tyrosine Kinase Inhibitors
Related Product Information for TG003 small molecule	TG003 is a potent inhibitor of the CDC-like (Clk) family kinases. It has been shown to suppress serine/arginine-rich protein phosphorylation.
Product References and Citations for TG003 small molecule	1. Muraki M., et al. (2004) J. Biol. Chem. 279(23): 24246-24254.
Other Notes	Small volumes of TG003 small molecule vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TG003 purchase	MBS808214 is a small molecule targeting TG003. Host: Synthetic.



Chemical Structure of TG003 small molecule
Chemical structure of TG003 (SIH-515), a Clk family kinase inhibitor. CAS #: 719277-26-6.
Molecular Formula: C13H15NO2S. Molecular Weight: 249.3 g/mol.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/small-molecule/tg003/808214