

Product datasheet

S3I-201 (DMSO solution), STAT3 inhibitor ab146606

1 References

Overview

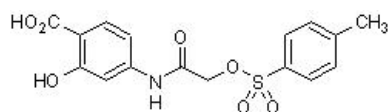
Product name	S3I-201 (DMSO solution), STAT3 inhibitor
Description	Selective STAT3 inhibitor
Biological description	Selective STAT3 inhibitor (IC ₅₀ values are 86, 160, 166 and >300 μM for STAT3.STAT3, STAT1.STAT3 STAT1.STAT1 and STAT5.STAT5 DNA binding activity respectively). Suppresses fibronectin, α-SMA, and collagen I expression. Shows apoptotic antiproliferative effects. Shows anti-inflammatory and analgesic effects <i>in vivo</i> . Centrally active.

Also available as a solid ([ab141434](#)).

Purity > 97%

CAS Number 501919-59-1

Chemical structure



Properties

Chemical name	2-Hydroxy-4-[[2-(4-methylphenyl)sulfonyloxyacetyl]amino]benzoic acid
Molecular weight	365.36
Molecular formula	C ₁₆ H ₁₅ NO ₇ S
PubChem identifier	252682
Storage instructions	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	Supplied in DMSO (10 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.
SMILES	<chem>CC1=CC=C(C=C1)S(=O)(=O)OCC(=O)NC2=CC(=C(C=C2)C(=O)O)O</chem>

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

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