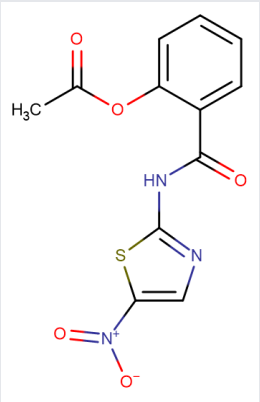
Nitazoxanide (NSC 697855)

PRODUCT OVERVIEW

Product Name	Nitazoxanide, Biochemical
Full Product Name	Nitazoxanide
Product Synonym Names	NSC 697855; NTZ
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: ≥ 2 years
Molecular Weight	307.28
Suitability	DMSO: 62mg/mL (201.77mM)
Target	Other Targets
Receptor	PFOR
Chemical Name	[2-[(5-nitro-1, 3-thiazol-2-yl)carbamoyl]phenyl] acetate
SMILES	CC(OC1=CC=CC=C1C(NC2=NC=C([N+]([O-])=O)S2)=O)=O
Molecular Formula	C12H9N3O5S
CAS Number	55981-09-4
Product Categories/Family for Nitazoxanide biochemical	Infection
Related Product Information for Nitazoxanide biochemical	Nitazoxanide, also known by the brand name Alinia, is a synthetic nitrothiazolyl-salicylamide derivative and an anti-protozoal agent. It is approved for treatment of infectious diarrhea caused by Cryptosporidium parvum and Giardia lamblia in patients 1 year of age and older. Following oral administration it is rapidly hydrolyzed to its active metabolite, tizoxanide, which is 99% protein bound. Peak concentrations are observed 1-4 hours after administration. It is excreted in the urine, bile and feces. Untoward effects include abdominal pain, vomiting and diarrhea.
Product References and Citations for Nitazoxanide biochemical	1.Hoffman PS, et al. Antimicrob Agents ChemOthers. 2007 Mar; 51 (3):868-76.
Other Notes	Small volumes of Nitazoxanide biochemical 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 Nitazoxanide purchase	MBS3605036 is a biochemical targeting Nitazoxanide.



Structure of Nitazoxanide biochemical

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/biochemical/nitazoxanide/3605036