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## CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2024

Re-test Date: Aug 2027

**Product Name: Nitazoxanide Impurity 1**

### Identification:

Chemical Name: 2-(Thiazol-2-ylcarbamoyl)phenyl acetate

Synonyms : Denitronitazoxanide

CAS Number : 402848-76-4

CAT Number : CP-N13003

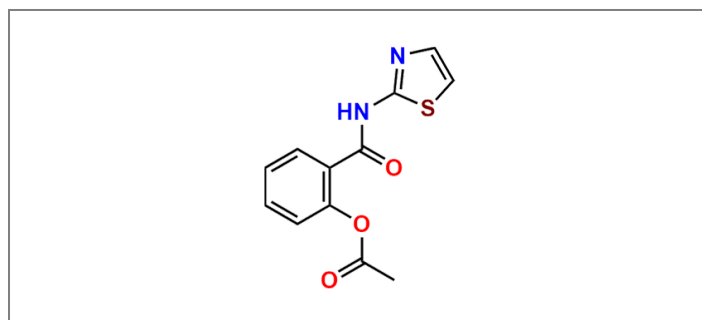
Molecular Formula : C<sub>12</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight : 262.28

Batch Number : CP-NIT-01-0924

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White to Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.23%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.