

Product Datasheet

Nitazoxanide-d4 (orb1709020)

Catalog Number	orb1709020
Category	Small Molecules
Description	Nitazoxanide D4 is a deuterated analog of the broad-spectrum antiparasitic and antiviral agent nitazoxanide. This labeled compound is used as an internal standard in LC-MS/MS for pharmacokinetic studies, enabling precise quantification of nitazoxanide and its metabolite tizoxanide in biological matrices during in vitro and in vivo research.
Target	Influenza Virus
MW	311.31
CAS Number	1246819-17-9
Formula	C ₁₂ H ₉ N ₃ O ₅ S
SMILES	[2H]c1c([2H])c([2H])c(C(=O)Nc2ncc(s2)[N+])([O-])=O)c(OC(C)=O)c1[2H]
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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