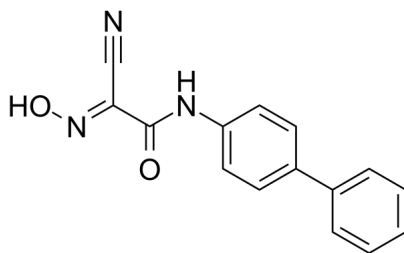


Data Sheet

Product Information

Catalog Number	BP13175
Product Name	DHODH-IN-11
Description	DHODH-IN-11 is a leflunomide derivative and weak dihydroorotate dehydrogenase (DHODH) inhibitor with a pKa of 5.03.
Targets&IC50	DHODH:5.03(pKa)
In vitro	A compound structurally related to leflunomide was designed, which contained furan ring (compound 14a). Compound 14a undergoes 4 ring cleavage under physiological pH conditions to obtain the corresponding cyanooxime DHODH-IN-11 (compound 14b). DHODH-IN-14 has been analyzed as a DHODH inhibitor; its inefficiency may be due to the unfavorable stereochemistry of the oxime substructure.
CAS No.	1263303-95-2
Chemical Formula	C ₁₅ H ₁₁ N ₃ O ₂
Molecular Weight	265.272
Solubility	DMSO: 10 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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