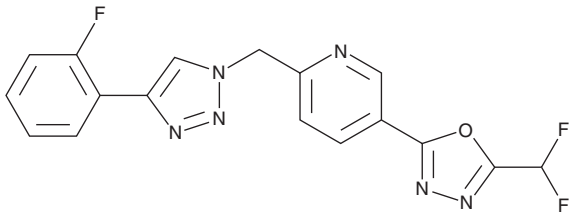
PRODUCT INFORMATION

HDAC6-IN-78

Item No. 46381

CAS Registry No.: 2509539-79-9
Formal Name: 5-[5-(difluoromethyl)-1,3,4-oxadiazol-2-yl]-2-[[4-(2-fluorophenyl)-1H-1,2,3-triazol-1-yl]methyl]-pyridine
Synonyms: HDAC6 Inhibitor 78, Histone Deacetylase 6-IN-78, Histone Deacetylase 6 Inhibitor 78
MF: $C_{17}H_{11}F_3N_6O$
FW: 372.3
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

HDAC6-IN-78 is supplied as a solid. A stock solution may be made by dissolving the HDAC6-IN-78 in the solvent of choice, which should be purged with an inert gas. HDAC6-IN-78 is sparingly soluble (1-10 mg/ml) in DMSO and slightly soluble (0.1-1 mg/ml) in acetonitrile.

Description

HDAC6-IN-78 is an inhibitor of histone deacetylase 6 (HDAC6; IC_{50} = 24 nM).[1] It is selective for HDAC6 over HDAC1-5 and HDAC7-10 (IC_{50}s = >10,000 nM for all).

Reference

1. Vara Salazar, Y.I., Aldaba Arévalo, E., Bello Iglesia, T., *et al.* 1,3,4-Oxadiazole derivatives as histone deacetylase inhibitors. *Quimatryx, S.L.* **WO2020212479A1,** (2020).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

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