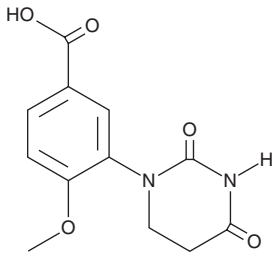
PRODUCT INFORMATION

2-Methoxyphenyl Dihydrouracil

Item No. 46445

CAS Registry No.:	2377643-33-7
Formal Name:	4-methoxy-3-(tetrahydro-2,4-dioxo-1(2H)-pyrimidinyl)-benzoic acid
Synonym:	3-(2,4-Dioxotetrahydropyrimidin-1(2H)-yl)-4-methoxybenzoic Acid
MF:	$C_{12}H_{12}N_2O_5$
FW:	264.2
Purity:	≥95%
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

2-Methoxyphenyl dihydrouracil is supplied as a solid. A stock solution may be made by dissolving the 2-methoxyphenyl dihydrouracil in the solvent of choice, which should be purged with an inert gas. 2-Methoxyphenyl dihydrouracil is soluble (≥10 mg/ml) in DMSO.

Description

2-Methoxyphenyl dihydrouracil is a synthetic intermediate that has been used in the synthesis of proteolysis-targeting chimeras (PROTACs) that drive the degradation of cyclin-dependent kinase 6 (Cdk6) or mixed lineage kinase domain-like protein (MLKL) and have anticancer or anti-necroptotic activity, respectively.[1,2]

References

1. Zhang, W., Wen, J., Wu, Y., *et al.* Discovery of WWZ-11-098: A rigid and selective CDK6 degrader. *Eur. J. Med. Chem.* **305**, 118569 (2026).
2. Rathje, O.H., Perryman, L., Payne, R.J., *et al.* PROTACs targeting MLKL protect cells from necroptosis. *J. Med. Chem.* **66(16)**, 11216-11236 (2023).

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.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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