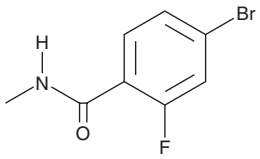
PRODUCT INFORMATION

4-Bromo-2-fluoro-N-methylbenzamide

Item No. 46398

CAS Registry No.:	749927-69-3
Formal Name:	4-bromo-2-fluoro-N-methyl-benzamide
Synonym:	N-methyl 4-bromo-2-Fluorobenzamide
MF:	C_8H_7BrFNO
FW:	232.1
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

4-Bromo-2-fluoro-N-methylbenzamide is supplied as a solid. A stock solution may be made by dissolving the 4-bromo-2-fluoro-N-methylbenzamide in the solvent of choice, which should be purged with an inert gas. 4-Bromo-2-fluoro-N-methylbenzamide is sparingly soluble (1-10 mg/ml) in DMSO.

Description

4-Bromo-2-fluoro-N-methylbenzamide is a synthetic intermediate that has been used in the synthesis of the androgen receptor antagonists enzalutamide (Item No. 11596) and apalutamide (ARN-509; Item No. 17132).[1]

Reference

1. Xu, P., Zhu, L., Zhang, D., *et al.* Design and synthesis of fluorine aromatic scaffolds containing drugs approved by the US FDA from 2002 to 2022. *Results Chem.* **7**, 101446 (2024).

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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