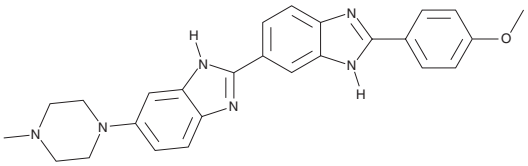
PRODUCT INFORMATION

HOE 32021

Item No. 39912

CAS Registry No.: 23623-06-5
Formal Name: 2′-(4-methoxyphenyl)-6-(4-methyl-1-piperazinyl)-2,6′-bibenzimidazole
MF: $C_{26}H_{26}N_6O$
FW: 438.5
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

HOE 32021 is supplied as a solid. A stock solution may be made by dissolving the HOE 32021 in the solvent of choice, which should be purged with an inert gas. HOE 32021 is soluble in methanol and DMSO.

Description

HOE 32021 is a derivative of the fluorescent DNA probe Hoechst 33258 (Item No. 16756). It is cytotoxic to L1210 murine skin lymphocytic leukemia cells (IC_{50} = 130 nM).[1]

Reference

1. Finlay, G.J. and Baguley, B.C. Potentiation by phenylbisbenzimidazoles of cytotoxicity of anticancer drugs directed against topoisomerase II. *Eur. J. Cancer* **26(5)**, 586-589 (1990).

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.

Copyright Cayman Chemical Company, 02/26/2024

CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM