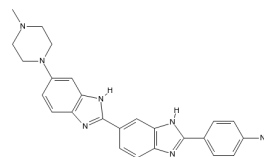


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Hoechst 34580
<b>Catalog Number:</b>	BCC1632
<b>Cas No.:</b>	23555-00-2
<b>Formula:</b>	C <sub>27</sub> H <sub>29</sub> N <sub>7</sub>
<b>M.Wt:</b>	451.57
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	HOE 34580
<b>Chemical Name:</b>	N,N-dimethyl-4-[6-[6-(4-methylpiperazin-1-yl)-1H-benzimidazol-2-yl]-1H-benzimidazol-2-yl]aniline
<b>SMILES:</b>	<chem>CN1CCN(CC1)C2=CC3=C(C=C2)N=C(N3)C4=CC5=C(C=C4)N=C(N5)C6=CC=C(C=C6)N(C)C</chem>
<b>Solubility:</b>	DMSO : ≥ 47 mg/mL (104.08 mM) *"≥" means soluble, but saturation unknown.



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## STORAGE AND SHIPPING

<b>Storage:</b>	Store the product in sealed, cool and dry condition.
<b>General tips:</b>	For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.
<b>Shipping Condition:</b>	Ship with RT , or blue ice upon request

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## CAUTION!

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most BioCrick products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the*

*product, follow the storage recommendations on the product data sheet.*

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