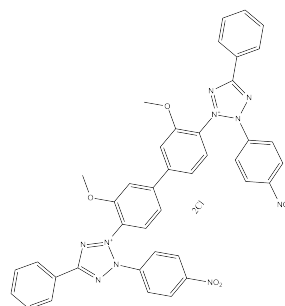


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Nitrotetrazolium Blue chloride
<b>Catalog Number:</b>	BCC6465
<b>Cas No.:</b>	298-83-9
<b>Formula:</b>	C <sub>40</sub> H <sub>30</sub> Cl <sub>2</sub> N <sub>10</sub> O <sub>6</sub>
<b>M.Wt:</b>	817.63
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	Nitro BT; p-Nitrotetrazolium blue; Nitrotetrazolium Blue chloride
<b>Chemical Name:</b>	2-[2-methoxy-4-[3-methoxy-4-[3-(4-nitrophenyl)-5-phenyltetrazol-2-ium-2-yl]phenyl]phenyl]-3-(4-nitrophenyl)-5-phenyltetrazol-2-ium;dichloride
<b>SMILES:</b>	<chem>COC1=C(C=CC(=C1)C2=CC(=C(C=C2)[N+]3=NC(=NN3C4=CC=C(C=C4)[N+](=O)[O-])C5=CC=CC=C5)OC)[N+]6=NC(=NN6C7=CC=C(C=C7)[N+](=O)[O-])C8=CC=CC=C8.[Cl-].[Cl-]</chem>
<b>Solubility:</b>	>40.9mg/ml in DMSO



## 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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F9-15, Building B2, Tianfu Life Science Park, 88 South Keyuan Road, Hi-Tech Zone, Chengdu, Sichuan 610041, PRC  
Tech Support: service@biocrick.com Tel: +86-28-8543-3893 FAX: +86-28-8543-3893