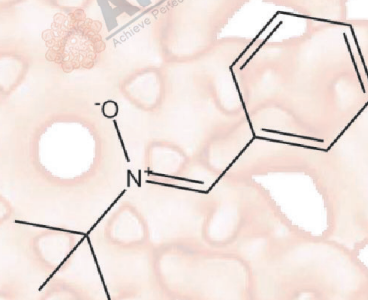


Product Data Sheet

N-tert-butyl- α -Phenylnitron

Cat. No.:	C4812
CAS No.:	3376-24-7
Formula:	C ₁₁ H ₁₅ NO
M.Wt:	177.24
Synonyms:	PBN
Target:	Neuroscience
Pathway:	COX
Storage:	Store at -20°C



Solvent & Solubility

≥12.85 mg/mL in H₂O with ultrasonic; ≥61.7 mg/mL in EtOH; ≥9 mg/mL in DMSO

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	5.6421 mL	28.2103 mL	56.4207 mL
		5 mM	1.1284 mL	5.6421 mL	11.2841 mL
		10 mM	0.5642 mL	2.8210 mL	5.6421 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

COX-2 inhibitor

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

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 APEx BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm 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.

APEx BIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com