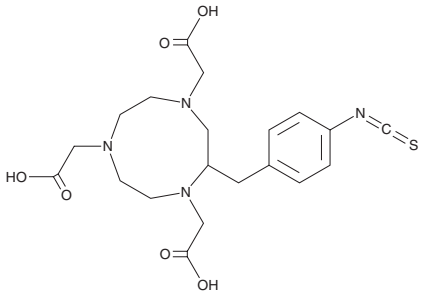
PRODUCT INFORMATION

(*p*-SCN-Bn)-NOTA

Item No. 46078

CAS Registry No.: 147597-66-8
Formal Name: hexahydro-2-[(4-isothiocyanatophenyl) methyl]-1H-1,4,7-triazonine-1,4,7-triacetic acid
Synonyms: 2-(4-isothiocyanatobenzyl)-NOTA, (*para*-SCN-Bn)-NOTA
MF: $C_{20}H_{26}N_4O_6S$
FW: 450.5
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

(*p*-SCN-Bn)-NOTA is supplied as a solid. A stock solution may be made by dissolving the (*p*-SCN-Bn)-NOTA in the solvent of choice, which should be purged with an inert gas. (*p*-SCN-Bn)-NOTA is slightly soluble (0.1-1 mg/ml) in DMSO.

Description

(*p*-SCN-Bn)-NOTA is a macrocyclic chelator.[1] It has been conjugated to antibodies and labeled with radionuclides for use in PET imaging of neuroblastoma tumors in mice.

Reference

1. Zheng, L., Li, C., Yang, X., *et al*. GD2-targeted theranostics of neuroblastoma with [^{64}Cu]Cu/[^{177}Lu]Lu-hu3F8. *Eur. J. Nucl. Med. Mol. Imaging* **52(5)**, 1764-1777 (2025).

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
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