

Product Data Sheet

Product Name: Bromobenzene- $^{13}\text{C}_6$

Cat. No.: GC46953

Chemical Properties

Cas. No. 112630-77-0

SMILES Br[13C]1=[13CH][13CH]=[13CH][13CH]=[13CH]1

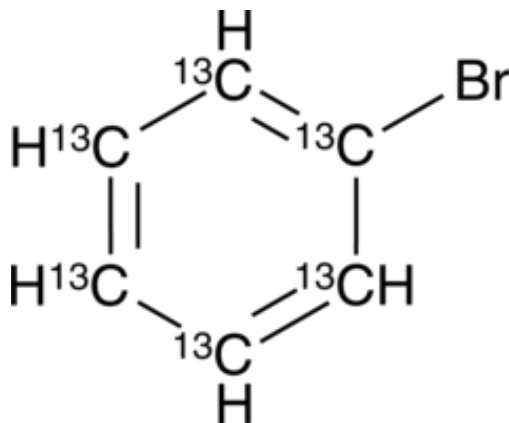
Formula $[\text{13C}]_6\text{H}_5\text{Br}$ M.Wt 163

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, Ethanol: 30 mg/ml, Ethanol: PBS (pH 7.2) (1:4): 0.2 mg/ml
Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure



Background

Bromobenzene- $^{13}\text{C}_6$ is a building block.^{1,2} It has been used in the synthesis of $^{13}\text{C}_6$ -labeled naphthalenes and polychlorinated biphenyls.

1. Ellames, G.J., and Herbert, J.M. A method for the preparation of $[\text{13C}_6]$ -labelled 2-substituted naphthalenes. *J. Labelled Comp. Radiopharm.* 53(14):801-803 (2010)
2. Roth, R.W., Heys, J.R.,

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Saugier, J.H., et al. Synthesis of ^{13}C -labeled polychlorinated biphenyls. J. Labelled Comp. Radiopharm. 24(2)185-198(1987)

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA