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## Product Data Sheet

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Product Name: Dabigatran D4 hydrochloride (BIBR-953 D4 hydrochloride)

Cat. No.: GC34373

### Chemical Properties

Cas. No.

SMILES N=C(N)C(C([2H])=C1[2H])=C([2H])C([2H])=C1NCC2=NC(C=C3C(N(CCC(O)=O)C4=NC=CC=C4)=O)=C(C=C3)N2C.Cl

Formula C<sub>25</sub>H<sub>22</sub>D<sub>4</sub>ClN<sub>7</sub>O<sub>3</sub>

M.Wt

512

Solubility Soluble in DMSO

Storage

Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock tips 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

Dabigatran D4 hydrochloride is deuterium labeled Dabigatran, which is a reversible and selective, direct thrombin inhibitor (DTI) with Ki value of 4.5 nM.

**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