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**Product Data Sheet**

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Product Name: BisfluoroModafinil

Cat. No.: GC64880

**Chemical Properties**

Cas. No. 90280-13-0

Formula C<sub>15</sub>H<sub>13</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>S

M.Wt 309.33

Solubility DMSO : 100 mg/mL (323.28 mM; Need ultrasonic) 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**

BisfluoroModafinil (CRL-40940) is the common alternative of modafinil. Modafinil is commonly prescribed for the research narcolepsy. BisfluoroModafinil (CRL-40940) has the potential for cognitive enhancing[1].

[1]. Dowling G, et al. Outsmarted by nootropics• An investigation into the thermal degradation of modafinil, modafinic acid, adrafinil, CRL-40,940 and CRL-40,941 in the GC injector: formation of 1,1,2,2-tetraphenylethane and its tetra fluoro analog. Drug Test Anal. 2017;9(3):518-528.

**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