

---

**Product Data Sheet**

---

Product Name: BAY 60-2770

Cat. No.: GC65051

**Chemical Properties**

Cas. No. 1027642-43-8

Formula C<sub>35</sub>H<sub>33</sub>F<sub>4</sub>N<sub>5</sub> M.Wt 623.63

Solubility 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**

BAY 60-2770 is a potent, selective, and orally active soluble guanylyl cyclase (sGC) activator. BAY 60-2770 increases the activity of sGC in a nitric oxide-independent manner. BAY 60-2770 shows antifibrotic effect[1][2].

BAY 60-2770 (0.1-0.3 mg/Kg; p.o.) attenuates liver fibrosis in two rat models[1]. BAY 60-2770 (1 mg/kg; p.o.; daily from the 10th to the 12th week) results in amelioration of bladder dysfunction in high-fat obese mice[2].

[1]. Knorr A, et al. Nitric oxide-independent activation of soluble guanylate cyclase by BAY 60-2770 in experimental liver fibrosis. *Arzneimittelforschung*. 2008;58(2):71-80.

[2]. Leiria LO, et al. The soluble guanylyl cyclase activator BAY 60-2770 ameliorates overactive bladder in obese mice. *J Urol*. 2014 Feb;191(2):539-47.

**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