the treatment of cognitive impairments in people with schizophrenia[J]. Am J Psychiatry, 2008, 165(1): 82289.

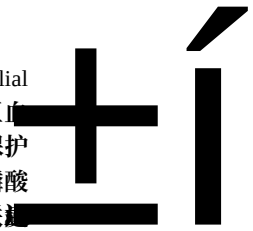
[4] Lee BJ, Lee J G, Kim YH. A 122week, double2blind, placebo2controlled trial of donepezil as an adjunct to haloperidol for treating cognitive impairments in patients with chronic schizophrenia[J]. J Psychopharmacol, 2007, 21(4): 4212427.

[5] Akhondzadeh S, Gerami M, Noroozian M, et al. A 122week, double2blind, placebo2controlled trial of donepezil adjunctive treatment to risperidone in chronic and stable schizophrenia [J]. Prog Neuropsychopharmacol Biol Psychiatry, 2008, 32(8): 181021815.

[6] Keefe RS, Malhotra AK, Meltzer HY, et al. Efficacy and safety of donepezil in patients with schizophrenia or schizoaffective disorder: significant placebo/practice effects in a 122week, randomized, double2blind, placebo2controlled trial [J]. Neuropsychopharmacology, 2008, 33(6): 121721228.

[7] Rosse

域、中央的 Rho 结合的卷曲螺旋结构域和羧基端 p H 结构域。
在静息状



还可通过介导缺氧或凝血酶引起的内皮型 NOS(endo helial NOS,eNOS)表达下调[21],使 NO 扩张血管增加脑缺血区血流量、抑制血小板聚集、抑制小血管缺血后炎症反应的脑保护作用下降。有研究发现大鼠大脑[illegible]动脉阻塞后,出现三磷酸腺苷(ATP)耗竭,缺血造成细胞内钙离子增多,引发级联[illegible]应,与迟发性细胞死亡或凋亡有关,应用 Fausdil 在各时段增加局部脑血流量,可延缓缺血脑组织进入不可逆的细胞死亡过程,体现脑保护作用[22]。Rikitake 等[23]在大脑中动脉闭塞大鼠中应用不同剂量 Fasudil 抑制 Rho 激酶活性,结果显示,内皮型一氧化氮酶 mRNA 及其蛋白表达随 Fausdil 浓度的增加而增加,相应的 eNOS 活性和 NO 含量也增加,从而使脑梗死体积较未治疗组缩小 33 %,神经功能评分提高 37 %。而在 eNOS 缺陷小鼠[illegible]未能观察到神经保护作288.6 566.5 456 527.2 m 1 195.7 522.3 l 194.3 521.9161.5 689.4 Td (0) Tj ET