

TEKNİK ŞARTNAME

Butyrylcholinesterase from equine serum (1200 UNTIS)

Sinonimleri; Acylcholine acyl-hydrolase, Choline esterase, butyryl, Pseudocholinesterase (1200 UNTIS)

Liyofilize toz halinde, kalite seviyesi 200 olan, ≥ 10 units/mg protein spesifik aktiviteye sahip olan, Molekül kütlesi 440 olan ve tetramer yapıya sahip olan, %60'tan fazlası protein olan, 60 U/mL soğuk suda çözülebilen ve -20°C'de saklama şartlarına sahip olan enzim

Gallik Asit (100 gr)

100 g plastik şişede yer alan beyaz toz halinde olan kimyasal

Kitosan (low molecular weight) (50 gr)

Synonym(s): Deacetylated chitin, Poly(D-glucosamine)

Quality Level; [100](#)

Form; powder

mol wt; 50,000-190,000 Da (based on viscosity)

viscosity; 20-300 cP, 1 wt. % in 1% acetic acid(25 °C, Brookfield)(lit.)

solubility; dilute aqueous acid: soluble

InChI

1S/C56H103N9O39/c1-87-56(86)65-28-38(84)46(19(10-74)96-55(28)104-45-18(9-73)95-49(27(64)37(45)83)97-39-12(3-67)88-47(85)20(57)31(39)77)103-54-26(63)36(82)44(17(8-72)94-54)102-53-25(62)35(81)43(16(7-71)93-53)101-52-24(61)34(80)42(15(6-70)92-52)100-51-23(60)33(79)41(14(5-69)91-51)99-50-22(59)32(78)40(13(4-68)90-50)98-4821(58)30(76)29(75)11(2-66)89-48/h11-55,66-85H,2-10,57-64H2,1H3,(H,65,86)/t11-,12-,13-,14-,15-,16-,17-,18-,19-,20-,21-,22-,23-,24-,25-,26-,27-,28-,29-,30-,31-,32-,33-,34-,35-,36-,37-,38-,39-,40-,41-,42-,43-,44-,45-,46-,47-,48+,49+,50+,51+,52+,53+,54+,55+/m1/s1

InChI key; FLASNYPZGWUPSU-SICDJOISSA-N

Butyrylthiocholine iodide (5 gr)

Synonym(s): (2-Mercaptoethyl)trimethylammonium iodide butyrate

Quality Level: 200

Assay; $\geq 98\%$

Form; powder

Mp; 171-174 °C (lit.)

storage temp; -20°C

SMILES string [I-].CCCC(=O)SCC[N+](C)(C)C

InChI; 1S/C9H20NOS.HI/c1-5-6-9(11)12-8-7-10(2,3)4;/h5-8H2,1-4H3;1H/q+1;/p-1

InChI key; WEQAAFZDJROSBF-UHFFFAOYSA-M

Ferrozin (1 gr)

Synonym(s): FerroZine™ Iron Reagent, PDT disulfonate monosodium salt hydrate
3-(2-Pyridyl)-5,6-diphenyl-1,2,4-triazine-p,p'-disulfonic acid monosodium salt hydrate

Quality Level; 200

Assay; 97%

Form; solid

SMILES string; O.[Na+].OS(=O)(=O)c1ccc(cc1)-c2nnc(nc2-c3ccc(cc3)S([O-])(=O)=O)-c4cccn4

InChI; 1S/C20H14N4O6S2.Na.H2O/c25-31(26,27)15-8-4-13(5-9-15)18-19(14-6-10-16(11-7-14)32(28,29)30)23-24-20(22-18)17-3-1-2-12-21-17;;/h1

12H,(H,25,26,27)(H,28,29,30);;1H2/q;+1;/p-1

InChI key; MBOKSYFCYXIJRZ-UHFFFAOYSA-M