

Biofilm Research Reagents

Biofilms are clusters of microorganisms attached to solid surfaces. The clusters can form on many medical implants such as catheters and artificial hips and have a huge impact on the medical field. Biofilm formation is also problematic in particular food industry sectors such as brewing, dairy processing, and red meat processing. We offer the products related to biofilm research.

Product	References
D-(-)-Arabinose [A0513]	<i>Int. J. Oral Biol.</i> 2021 , 46, 111.
L-(+)-Arabinose [A0515]	<i>Front. Cell. Infect. Microbiol.</i> 2021 , 11, 698146; <i>Appl. Environ. Microbiol.</i> 2013 , 79, 2069.
L-Ascorbic Acid [A0537] L-Ascorbic Acid Sodium Salt [A0539]	<i>Antibiotics</i> 2019 , 8, 116; <i>FEMS Microbiol. Lett.</i> 2017 , 364, fnw282.
Azathioprine [A2069]	<i>Appl. Microbiol. Biotechnol.</i> 2013 , 97, 7325.
Baicalin [B2835]	<i>Appl. Microbiol. Biotechnol.</i> 2008 , 79, 119.
Baicalein [T2721]	<i>PLoS ONE</i> 2016 , 11, e0153468; <i>Appl. Microbiol. Biotechnol.</i> 2008 , 79, 119.
Bithionol [T0865] Bithionol Disodium Salt [T0406]	<i>Proc. Natl. Acad. Sci. USA</i> 2019 , 116, 16529.
γ-Crotonolactone [C1078]	<i>Front. Mar. Sci.</i> 2020 , 7, 564075; <i>Braz. J. Microbiol.</i> 2010 , 41, 227.
Ciprofloxacin [C2510] Ciprofloxacin Hydrochloride Monohydrate [C2227]	<i>Pharmaceutics</i> 2023 , 15, 1147; <i>Antimicrob. Agents Chemother.</i> 2018 , 62, e00320-18; <i>Indian J. Med. Res.</i> 2016 , 143, 643; <i>Antimicrob. Agents Chemother.</i> 2000 , 44, 1818; <i>Antimicrob. Agents Chemother.</i> 1994 , 38, 2125.
Curcumin (Natural) [C0434] Curcumin (Synthetic) [C2302]	<i>Indian J. Exp. Biol.</i> 2013 , 51, 764.
Crystal Violet [C2460]	<i>J. Antimicrob. Chemother.</i> 2014 , 69, 673
Chlorpromazine Hydrochloride [C2481]	<i>Med. Mycol.</i> 2020 , 58, 906; <i>Coatings</i> 2020 , 10, 1230.
Eugenol [A0232]	<i>Indian J. Exp. Biol.</i> 2013 , 51, 764.
Esculin Sesquihydrate [E0024]	<i>Appl. Microbiol. Biotechnol.</i> 2008 , 79, 119.
Esculetin [E0386]	<i>Front. Microbiol.</i> 2021 , 12, 737626; <i>Molecules</i> 2016 , 21, 468; <i>Appl. Microbiol. Biotechnol.</i> 2008 , 79, 119.
Farnesol (mixture of isomers) [T0608]	<i>Appl. Environ. Microbiol.</i> 2002 , 68, 5459.
5-Fluorouracil [F0151]	<i>Nucleic Acids Res.</i> 2021 , 49, e73; <i>Appl. Microbiol. Biotechnol.</i> 2009 , 82, 525; <i>Microb. Biotechnol.</i> 2009 , 2, 62.
Finasteride [F0675]	<i>Antimicrob. Agents Chemother.</i> 2014 , 58, 5855.

Hesperidin	[H0049]	<i>J. Appl. Microbiol.</i> 2010 , 109, 515.
Hordenine	[H1351]	<i>J. Agric. Food Chem.</i> 2018 , 66, 1620.
5-Iodoindole	[I1239]	<i>Biomolecules</i> 2020 , 10, 1186.
D-Leucine	[L0027]	<i>Science</i> 2010 , 328, 627.
Linalool	[L0048]	<i>Biofouling</i> 2016 , 32, 155.
Linoleic Acid (>85.0%) Linoleic Acid (>97.0%)	[L0053] [L0124]	<i>Indian J. Exp. Biol.</i> 2013 , 51, 764.
D-Methionine	[M0102]	<i>Science</i> 2010 , 328, 627.
Metformin Hydrochloride	[M2009]	<i>Afr. Health Sci.</i> 2017 , 17, 808.
Naringenin	[N0072]	<i>J. Appl. Microbiol.</i> 2010 , 109, 515.
Naringin	[N0073]	<i>J. Appl. Microbiol.</i> 2010 , 109, 515.
4-Nitropyridine N-Oxide	[N0410]	<i>Asian J. Res. Pharm. Sci.</i> 2012 , 2, 66; <i>Langmuir</i> 2010 , 26, 12089.
Neohesperidin	[N1121]	<i>J. Appl. Microbiol.</i> 2010 , 109, 515.
D-Phenylalanine	[P0135]	<i>J. Bacteriol.</i> 2011 , 193, 5616.
D-Proline	[P0994]	<i>J. Bacteriol.</i> 2011 , 193, 5616.
Psoralen	[P2077]	<i>Appl. Microbiol. Biotechnol.</i> 2008 , 79, 119.
Rutin Hydrate	[R0035]	<i>J. Appl. Microbiol.</i> 2010 , 109, 515.
Quercetin Hydrate	[P0042]	<i>Microbiology</i> 2011 , 157, 2120.
D-Tryptophan	[T0539]	<i>Science</i> 2010 , 328, 627.
Tyrosol	[H0720]	<i>Eukaryot. Cell.</i> 2006 , 5, 1770.
D-Tyrosine	[T1141]	<i>J. Bacteriol.</i> 2011 , 193, 5616; <i>Science</i> 2010 , 328, 627.
Toremifene Citrate	[T2832]	<i>Antimicrob. Agents Chemother.</i> 2017 , 61, e01846-16.

References with links are available in application section on the product detail pages of our website.

Related Products

Clearing Reagent iCBiofilm-D [for Biofilm]
Clearing Reagent iCBiofilm-H1 [for Biofilm]
Clearing Reagent iCBiofilm-H2 [for Biofilm]

[I1275] **New**
[T4031]
[T4032]

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Tel : 800-988-0390 / 021-67121386
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Tel : +81 (0)3-5640-8878
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