

# Efflux Pump Research Reagents

Efflux pumps are transport proteins involved in the extrusion of toxic substrates from bacterial cellular interior to the external environment. Efflux pumps have an enormous impact on medicine owing to their increased resistance to antimicrobial agents. TCI offers products relating to efflux pump research.

Products		References
<b>Acriflavine</b>	[A0134]	<i>J. Bacteriol.</i> <b>2002</b> , 184, 572.
<b>Acriflavine Hydrochloride</b>	[A0677]	<i>Biol. Pharm. Bull.</i> <b>2003</b> , 26, 266.
<b>Artesunate</b>	[A2191]	<i>J. Antimicrob. Chemother.</i> <b>2011</b> , 66, 769.
<b>Berberine Chloride Hydrate</b>	[B0450]	<i>Indian J. Exp. Biol.</i> <b>2013</b> , 51, 764.
<b>Berberine Sulfate</b>	[B0451]	<i>Antibiotics</i> <b>2019</b> , 8, 229.
<b>Capsaicin (Natural)</b>	[M1149]	<i>J. Antimicrob. Chemother.</i> <b>2012</b> , 67, 2401.
<b>CCCP</b>	[T2721]	<i>J. Microbiol.</i> <b>2014</b> , 7, e8691. <i>PLoS ONE</i> <b>2021</b> , 16, e0259915. <i>Infect. Drug Resist.</i> <b>2021</b> , 14, 1199. <i>J. Microbiol.</i> <b>2013</b> , 6, e6792. <i>Lett. Appl. Microbiol.</i> <b>2008</b> , 47, 298.
<b>Celecoxib</b>	[C2816]	<i>Front. Microbiol.</i> <b>2015</b> , 6, 750.
<b>Cholecalciferol</b>	[C0314]	<i>EXCLI J.</i> <b>2016</b> , 15, 315.
<b>Cuminaldehyde</b>	[I0168]	<i>Arch. Microbiol.</i> <b>2017</b> , 199, 465.
<b>Curcumin (Natural)</b>	[C0434]	<i>Med. Chem. Commun.</i> <b>2014</b> , 5, 1540.
<b>Curcumin (Synthetic)</b>	[C2302]	
<b>Ethidium Bromide</b>	[E0370]	<i>J. Infect. Chemother.</i> <b>2016</b> , 22, 780. <i>Biol. Pharm. Bull.</i> <b>2003</b> , 26, 266.
<b>Farnesol (mixture of isomers)</b>	[T0608]	<i>Molecules</i> <b>2010</b> , 15, 7750.
<b>Geraniol</b>	[G0027]	<i>Antimicrob. Agents Chemother.</i> <b>2009</b> , 53, 2209.
<b>Haloperidol</b>	[H0912]	<i>Mycopathologia</i> <b>2020</b> , 185, 279. <i>Saudi Pharm. J.</i> <b>2022</b> , 30, 245.
<b>Kaempferol</b>	[K0018]	<i>PLoS ONE</i> <b>2015</b> , 10, e0124814. <i>Biologia</i> <b>2016</b> , 71, 484.
<b>Methylene Blue Hydrate</b>	[M0501]	<i>Microbiology</i> <b>1997</b> , 143, 1901.
<b>Nerol</b>	[N0077]	<i>Microb. Pathog.</i> <b>2016</b> , 99, 173.
<b>Nordihydroguaiaretic Acid</b>	[D0800]	<i>MicrobiologyOpen</i> <b>2014</b> , 3, 885.
<b>Osthole</b>	[O0426]	<i>Med. Chem. Commun.</i> <b>2014</b> , 5, 1540.

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Products		References
<b>Pantoprazole</b>	<b>[P2262]</b>	<i>Saudi Pharm. J.</i> <b>2022</b> , 30, 245.
<b>Plumbagin</b>	<b>[P1139]</b>	<i>MicrobiologyOpen</i> <b>2014</b> , 3, 885.
<b>Promethazine Hydrochloride</b>	<b>[P2029]</b>	<i>Med. Mycol.</i> <b>2020</b> , 58, 906. <i>In vivo</i> <b>2020</b> , 34, 65. <i>Mycopathologia</i> <b>2020</b> , 185, 279. <i>Med. Mycol.</i> <b>2018</b> , 56, 1012.
<b>Reserpine</b>	<b>[R0007]</b>	<i>Indian J. Exp. Biol.</i> <b>2013</b> , 51, 764. <i>Antibiotics</i> <b>2019</b> , 8, 229.
<b>Rhodamine 6G</b>	<b>[R0039]</b>	<i>Bio Protoc.</i> <b>2017</b> , 7, e2428.

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

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