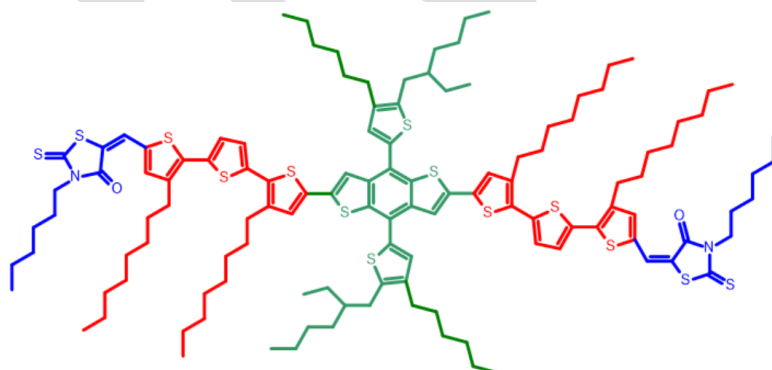


Organic Nano Electronic (ONE=I) Materials for these who understand quality

Technical Data Sheet

Product:	OS0093 (Liquid Crystal)
Common Name	BTR
Chemical Name:	5,5'-[[[4,8-bis[5-(2-ethylhexyl)-4-hexyl-2-thienyl]benzo[1,2- <i>b</i> :4,5- <i>b'</i>]dithiophene-2,6-diyl]bis[(3',3''-diethyl[2,2':5',2''-terthiophene]-5'',5'-diyl)methyldiylne]]bis[3-hexyl-2-thioxo-4-thiazolidinone
CAS#	2041283-06-9



Appearance:	Purple-brown granule
Assay (by NMR):	98+ %
Solubility:	Soluble in chloroform, CB and ODCB
Application:	Electron acceptor for OPV HOMO = -5.5eV, LUMO=-4.1eV
References:	Nature Communications: 6:6013, 2015 ACS Appl. Mater. Interfaces 2017 , 9, 39519-39525 J. Mater. Chem. A, 2018 , 6, 5618

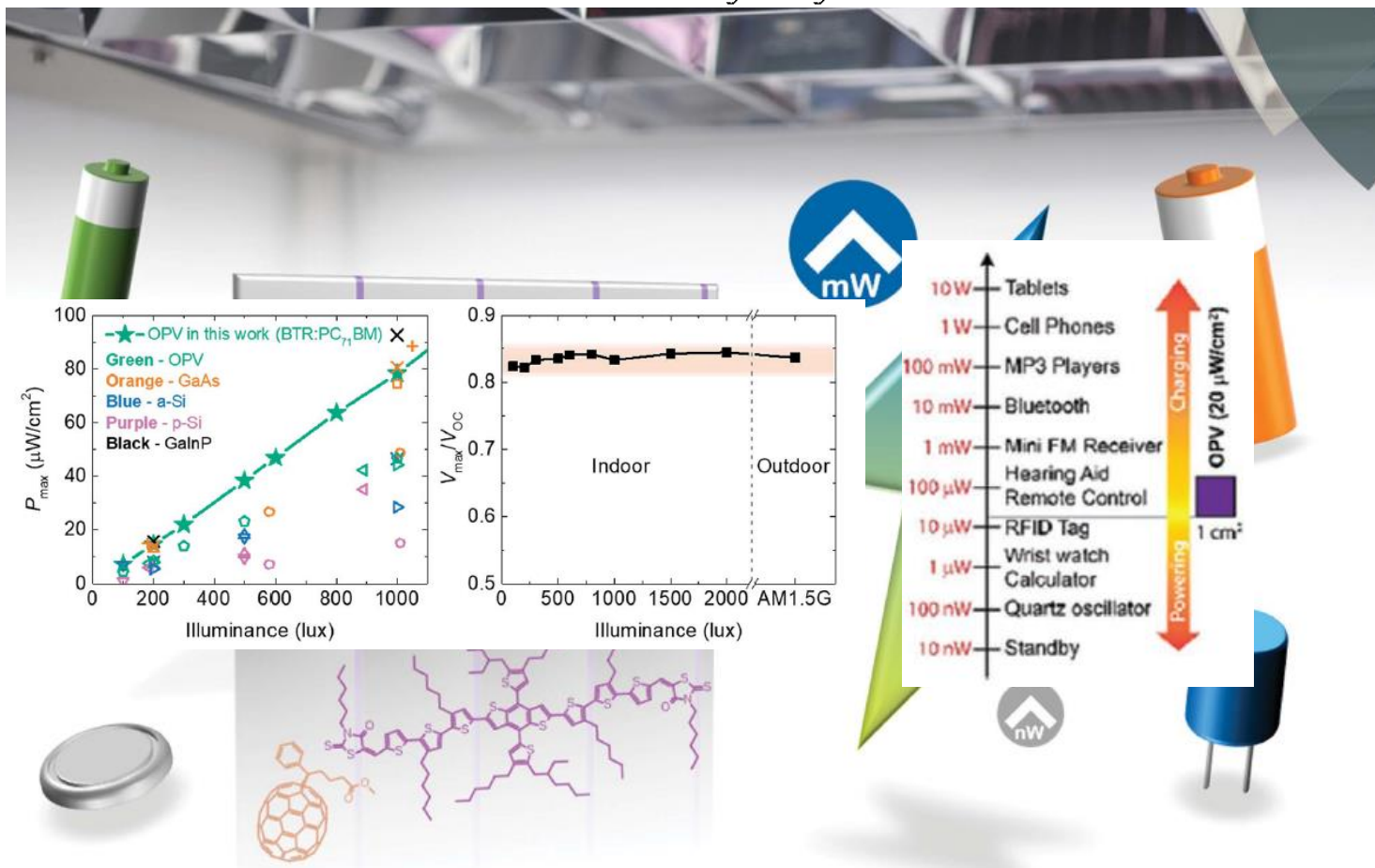
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Organic photovoltaic cells – promising indoor light harvesters for self-sustainable electronics†

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R2R print with green solvent

