



**NOVECAL**

**Fine chemistry and catalysis coucou**

**Catalysts catalogue**

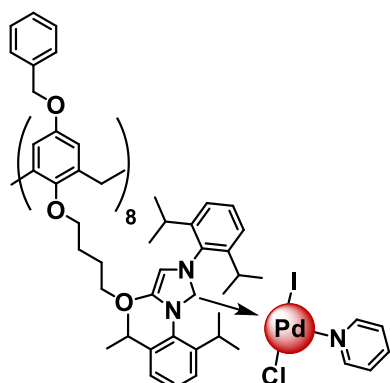
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# Supported catalysts

## Supported Pd-NHC catalyst NOVECAT G2-01



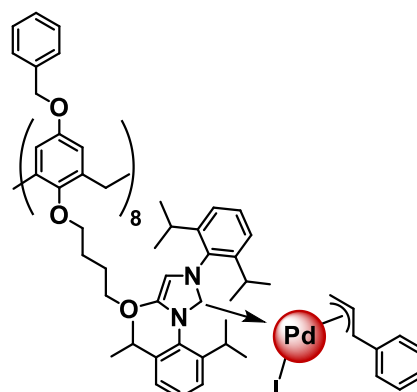
$C_{400}H_{472}N_{24}O_{24}Pd_8Cl_8I_8$ ,  $M = 8150.52 \text{ g}\cdot\text{mol}^{-1}$   
CAS: 2767563-33-5

Clean Suzuki couplings with bulky substrates

Reference	Packing unit	Price (€)
NOVECAT G2-01	1g	430

Please contact us for larger quantities.

## Supported Pd-NHC catalyst NOVECAT G2-02



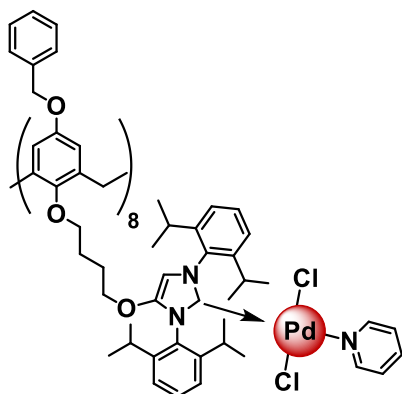
$C_{432}H_{504}N_{16}O_{24}Pd_8I_8$ ,  $M = 8171.47 \text{ g}\cdot\text{mol}^{-1}$   
CAS: 2676929-10-3

Buchwald coupling

Reference	Packing unit	Price (€)
NOVECAT G2-02	1g	450

Please contact us for larger quantities.

## Supported Pd-NHC catalyst NOVECAT G2-03



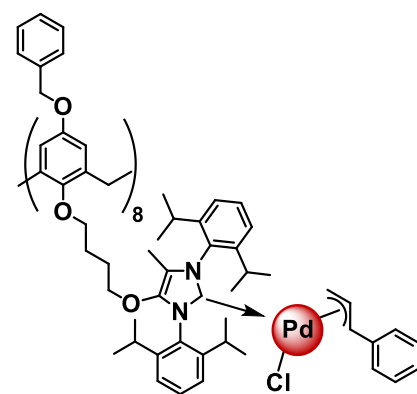
$C_{400}H_{472}N_{24}O_{24}Pd_8Cl_{16}$ ,  $M = 7418.88 \text{ g}\cdot\text{mol}^{-1}$   
CAS: 2767563-35-7

Suzuki coupling with challenging aryl halides

Reference	Packing unit	Price (€)
NOVECAT G2-03	1g	470

Please contact us for larger quantities.

## Supported Pd-NHC catalyst NOVECAT G3-01



$C_{440}H_{520}N_{16}O_{24}Pd_8Cl_8$ ,  $M = 7552.05 \text{ g}\cdot\text{mol}^{-1}$   
CAS: 2676934-90-8

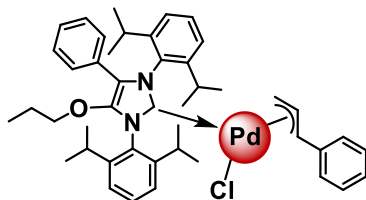
Buchwald coupling with challenging amines

Reference	Packing unit	Price (€)
NOVECAT G3-01	1g	500

Please contact us for larger quantities.

# Homogeneous catalysts

## Homogeneous Pd-NHC catalyst NOVECAT G4-02



$C_{45}H_{55}N_2OPdCl$ ,  $M = 781.82 \text{ g.mol}^{-1}$

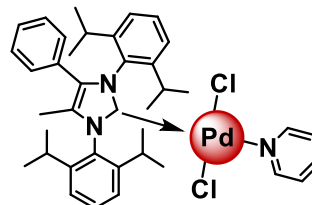
CAS: 3032953-51-5

C-C and C-N couplings at low catalyst loading

Reference	Packing unit	Price (€)
NOVECAT G4-02-1g	1g	285
NOVECAT G4-02-5g	5g	1110

Please contact us for larger quantities.

## Homogeneous Pd-NHC catalyst NOVECAT G5-03



$C_{39}H_{47}N_3PdCl_2$ ,  $M = 735.15 \text{ g.mol}^{-1}$

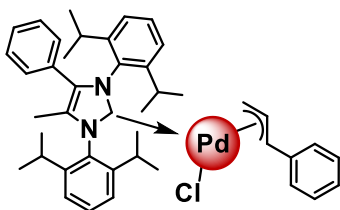
CAS: 3032953-73-1

C-C couplings at very low catalyst loading,  
and with highly challenging substrates

Reference	Packing unit	Price (€)
NOVECAT G5-03-1g	1g	295
NOVECAT G5-03-5g	5g	1150

Please contact us for larger quantities.

## Homogeneous Pd-NHC catalyst NOVECAT G5-04



$C_{43}H_{51}N_2PdCl$ ,  $M = 737.77 \text{ g.mol}^{-1}$

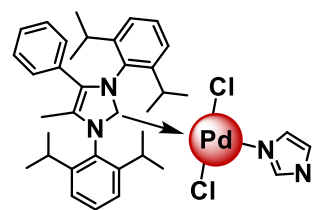
CAS: 3032953-75-3

C-N couplings at very low catalyst loading,  
and with highly challenging substrates

Reference	Packing unit	Price (€)
NOVECAT G5-04-1g	1g	305
NOVECAT G5-04-5g	5g	1190

Please contact us for larger quantities.

## Homogeneous Pd-NHC catalyst NOVECAT G5-05



$C_{38}H_{48}N_4PdCl_2$ ,  $M = 738.15 \text{ g.mol}^{-1}$

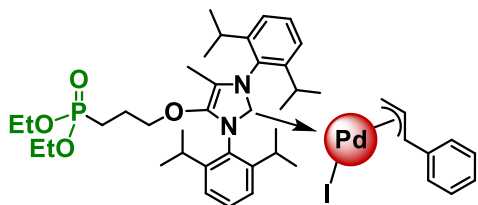
C-H activation at low catalyst loading

Reference	Packing unit	Price (€)
NOVECAT G5-05-1g	1g	315
NOVECAT G5-05-5g	5g	1220

Please contact us for larger quantities.

# Homogeneous and supported catalysts

## Homogeneous Pd-NHC catalyst NOVECAT G3-PO(OEt)<sub>2</sub>



$C_{44}H_{62}N_2O_4PPdI$ ,  $M = 947.29 \text{ g}\cdot\text{mol}^{-1}$

CAS: 3032953-77-5

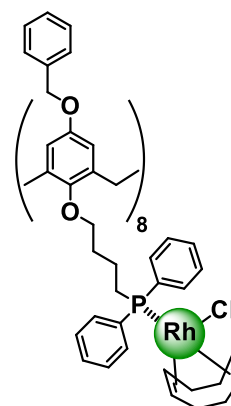
Easy grafting on metal oxides for C-C and C-N couplings at low catalyst loading.

Applications in batch or flow processes

Reference	Packing unit	Price (€)
NOVECAT G3-PO(OEt) <sub>2</sub> -1g	1g	355
NOVECAT G3-PO(OEt) <sub>2</sub> -5g	5g	1420

Please contact us for larger quantities.

## Supported Rh-phosphine catalyst NOVECAT Rh-01



$C_{304}H_{328}Cl_8O_{16}P_8Rh_8$ ,  $M = 5592.59 \text{ g}\cdot\text{mol}^{-1}$

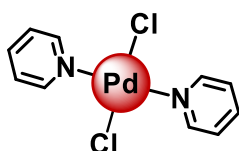
CAS: 2225985-84-0

Hydrogenation – in progress

Reference	Packing unit	Price (€)
NOVECAT Rh-01	1g	500

Please contact us for larger quantities.

## Dichlorobis(pyridine) palladium (II) – CAT-01



$C_{10}H_{10}N_2PdCl_2$ ,  $M = 335.52 \text{ g}\cdot\text{mol}^{-1}$

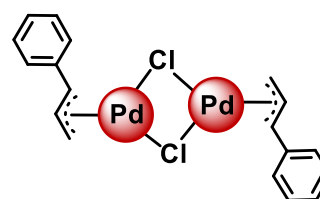
CAS: 14872-20-9

Precursor of palladium complexes

Reference	Packing unit	Price (€)
CAT-01-1g	1g	75
CAT-01-5g	5g	305
CAT-01-25g	25g	1215

Please contact us for larger quantities.

## Palladium( $\pi$ -cinnamyl) chloride dimer – CAT-02



$C_{18}H_{18}Pd_2Cl_2$ ,  $M = 518.08 \text{ g}\cdot\text{mol}^{-1}$

CAS: 12131-44-1

Precursor of palladium complexes

Reference	Packing unit	Price (€)
CAT-02-1g	1g	95
CAT-02-5g	5g	425

Please contact us for larger quantities.